

Bicycle Collision Data in Washington State

1988 to 1993

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- B. Cross/Fisher Classification Method
- C. Pedalcyclist Collision Data from WSTSC

Introduction

In order to effect a bicycle safety improvement program and create a safe bicycling environment, it is necessary to understand why bicycle collisions occur. This report is intended to assist planners, traffic engineers, safety professionals, bicycle advocates, and others in the identification of collision types occurring in geographical areas of interest in the State of Washington. Informed decisions can then be made on how best to address problem areas. The report provides data on bicycle collisions in the State of Washington for the period 1988 to 1993.

Information on bicycle collisions was obtained from the collision records maintained by the Washington State Patrol (WSP). Vehicular collisions in Washington in which more than \$500 damage occurs or injury or death occurs are required to be reported by means of a traffic collision report. The collision records are from both driver and law enforcement collision reports submitted to WSP. There are 24 bicycle collisions included in the February 1995 revision that were not in the original May 1994 version. The 24 collisions were overlooked due to the bicyclist not being the first object struck. Collisions involving tricycles (35) and unicycles (4) were excluded from the data. It should be noted that bicycle collisions not involving a motor vehicle are not recorded into the WSP database.

Collision types were categorized using a modified version of the Cross/Fisher bicycle collision classification method. Modification of the Cross/Fisher classification method was necessary due to the WSP records not being fully compatible with the Cross/Fisher method and due to the number of records used in the analysis. Functional class of roadway by county was selected for the stratification of collisions to assist in the identification of the types of collisions occurring by road ownership and to allow the comparison with statewide averages. The five functional classes of roadways are (1) Interstate, (2) Highways, (3) County Roads, (4) City Roads, and (5) Other Roads/Paths/Trails. The latter functional class would include off road, government ownership such as the military, the University of Washington, private roads, etc. Additional categorization was performed for specific age groups for each functional roadway class. The seven age groups are (1) less than 5, (2) 5 to 9, (3) 10 to 15, (4) 16 to 24, (5) 25 to 34, (6) 35 to 54, (7) 55 or older. A summary of annual collisions was also performed.

Figures have been included in the revision of the report to assist the reader in comprehension of the data.

Caution should be used in the use of annual collision data in determining trends as the number of collisions are related to exposure to the potential for collisions. Collision exposure varies from year to year and is influenced by such factors as population growth, the number of cyclists, the number and length of trips made, the development of bicycle facilities, safety improvements, and weather. For instance, the decrease in bicycle collisions from 1992 to 1993 is most likely due to the difference in the weather (1993 had a high number of rainy days during the summer months) rather than a behavioral change of cyclists/motorists or increase in safer facilities for bicyclists.

More detailed bicycle collision information may be desirable for specific geographic locations in the development of non-motorized transportation plans and safety improvement projects. Requests for this information can be made through the Washington State Department of Transportation - Transportation Data Office.

Appendix A contains the modified version of the Cross/Fisher classification method used for this report.

Appendix B contains a copy of the Cross/Fisher Classification of Bicycle/Motor Vehicle Collisions. The classifications were obtained from the report by The Harborview Injury Prevention and Research Center and King County entitled *Pedestrian and Bicycle Collisions With Motor Vehicles in King County, 1985 - 1990*. It is included for the convenience of users that may wish to analyze a specific area and not use a modified method.

Appendix C contains a copy of pedalcyclist collision data for 1993 prepared by the Washington State Traffic Safety Commission from the report entitled *1993 Traffic Collisions in Washington State*. The pedalcyclist data includes tricyclists and unicyclists, as well as bicyclists. The collision rate data (collisions per 10,000 population) contained in their report is very useful and can be utilized in conjunction with the information presented in this report. It has been included for the convenience of the user.

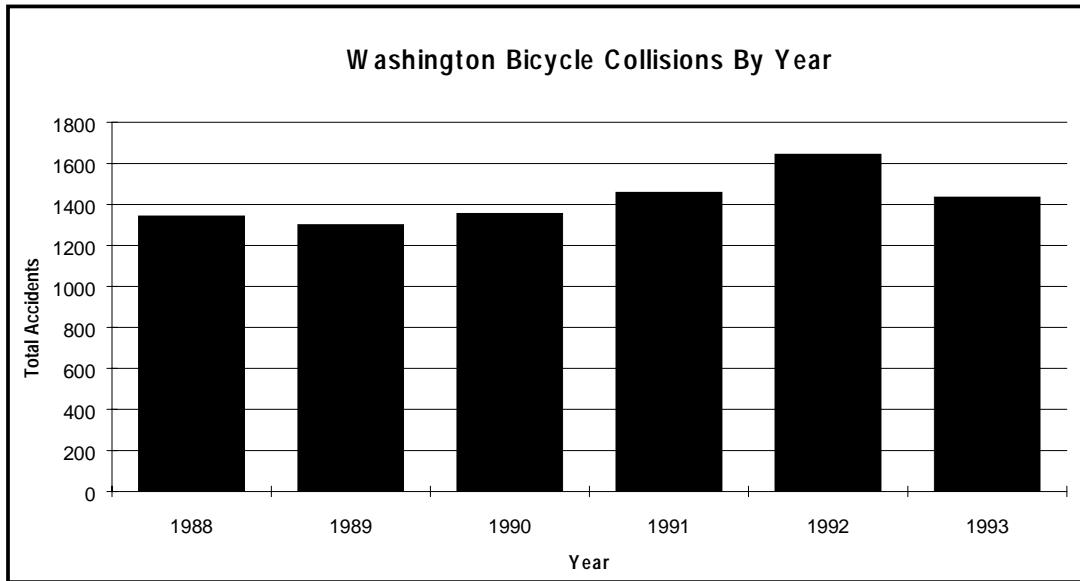


Figure 1: Bicycle Collisions By Year

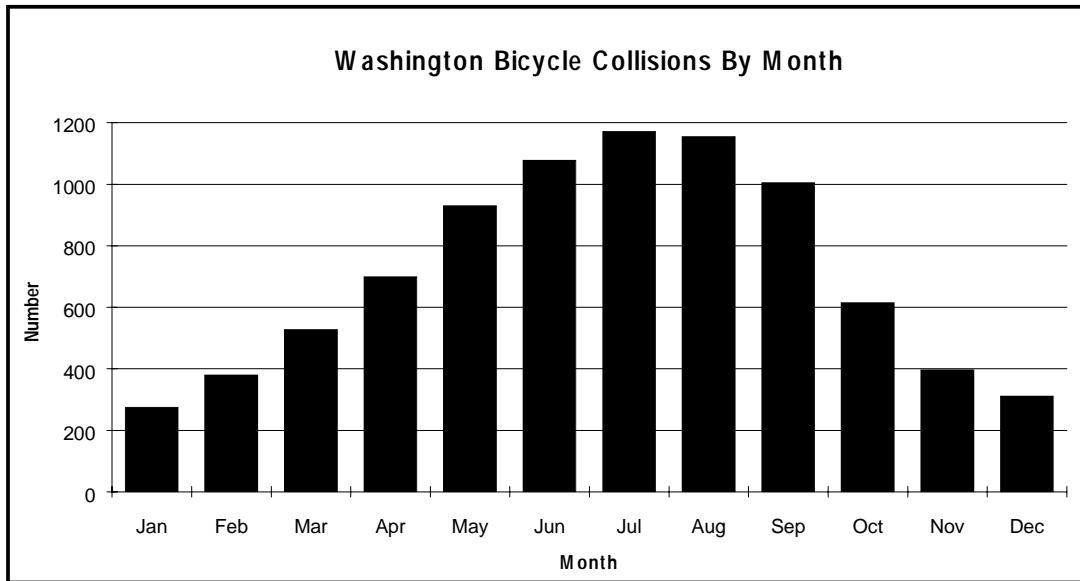


Figure 2: Bicycle Collisions By Month

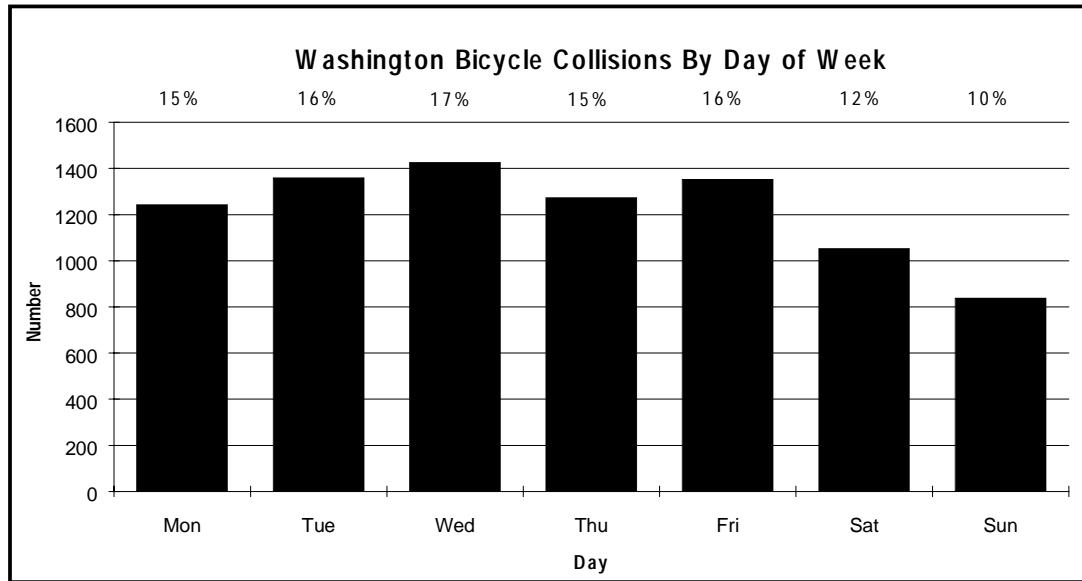


Figure 3: Bicycle Collisions By Day of Week

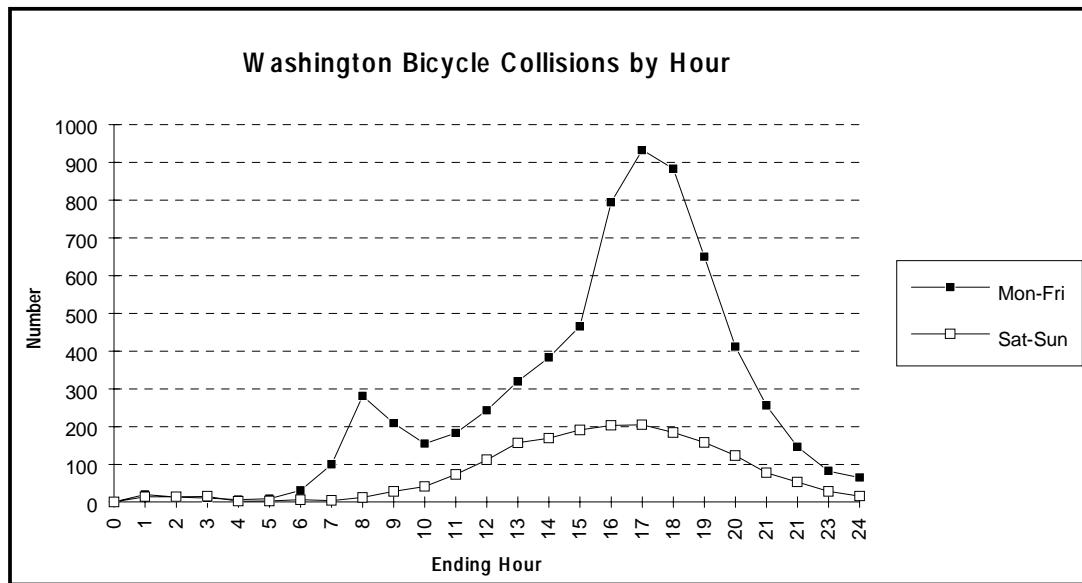


Figure 4: Bicycle Collisions By Hour

Bicycle Collision Location By Road Type

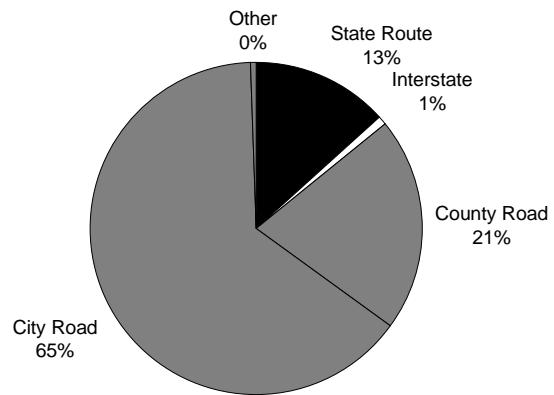


Figure 5: Bicycle Collision Location By Road Type

Bicycle Fatal Collision Location By Road Type

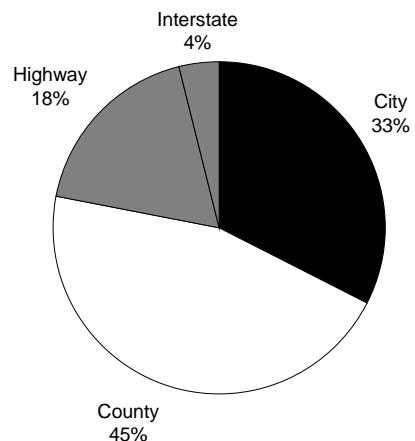


Figure 6: Bicycle Fatal Collision Location By Road Type

Gender of Motorist

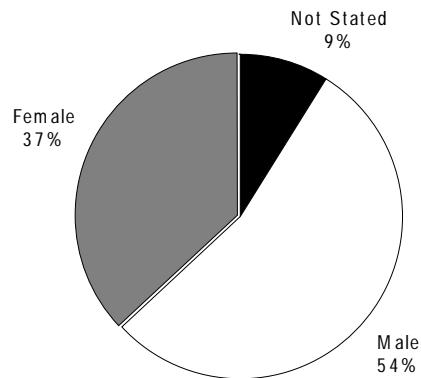


Figure 7: Gender of Motorist Involved in Bicycle Collision

Gender of Bicyclist

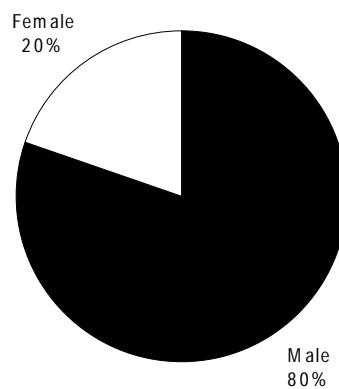


Figure 8: Gender of Bicyclist Involved in Bicycle Collision

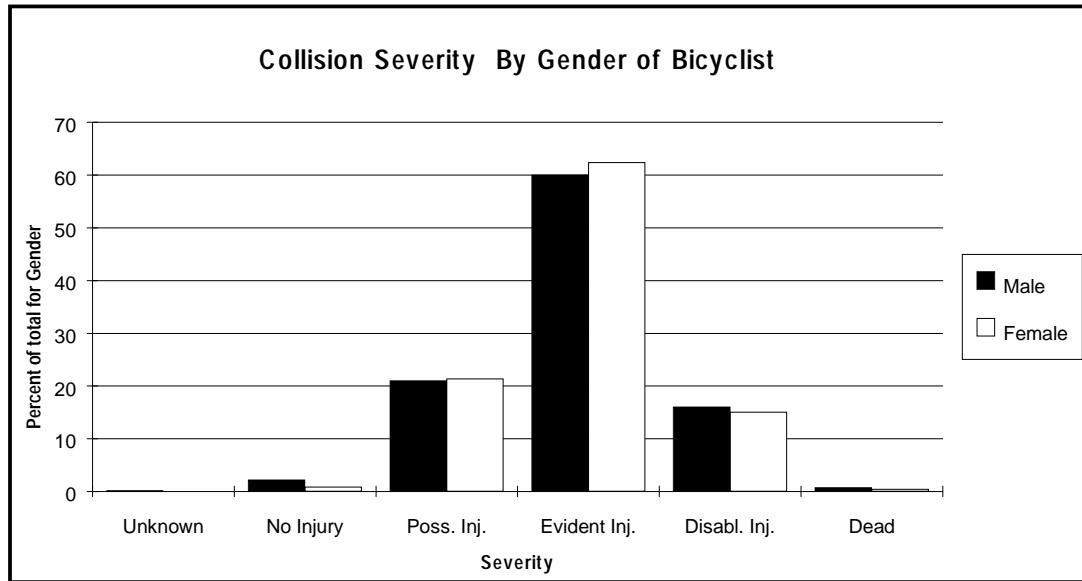


Figure 9: Bicycle Collision Severity By Gender of Bicyclist

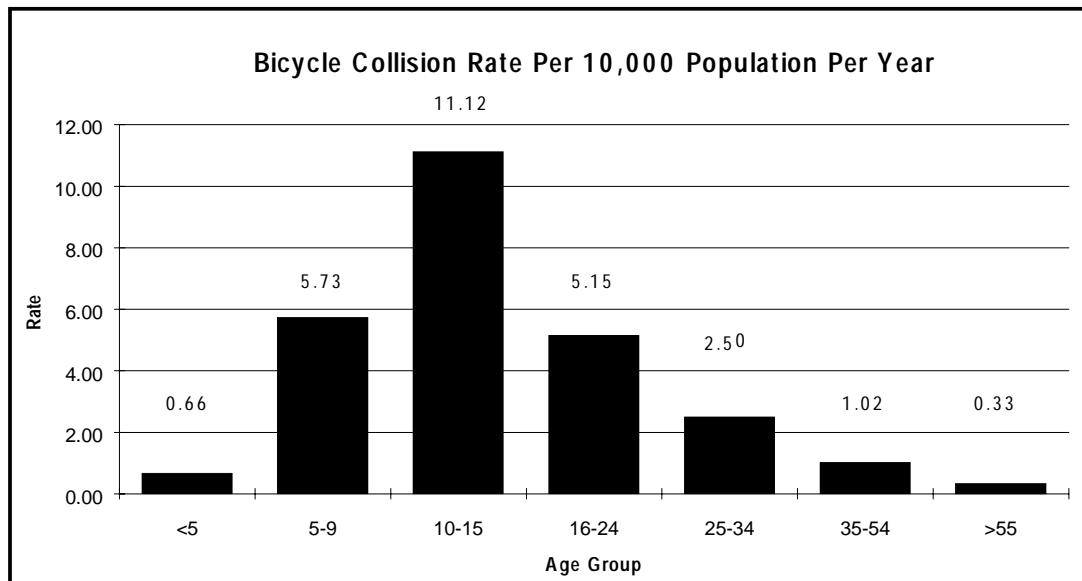


Figure 10: Bicycle Collision Rate Per 10,000 Population Per Year

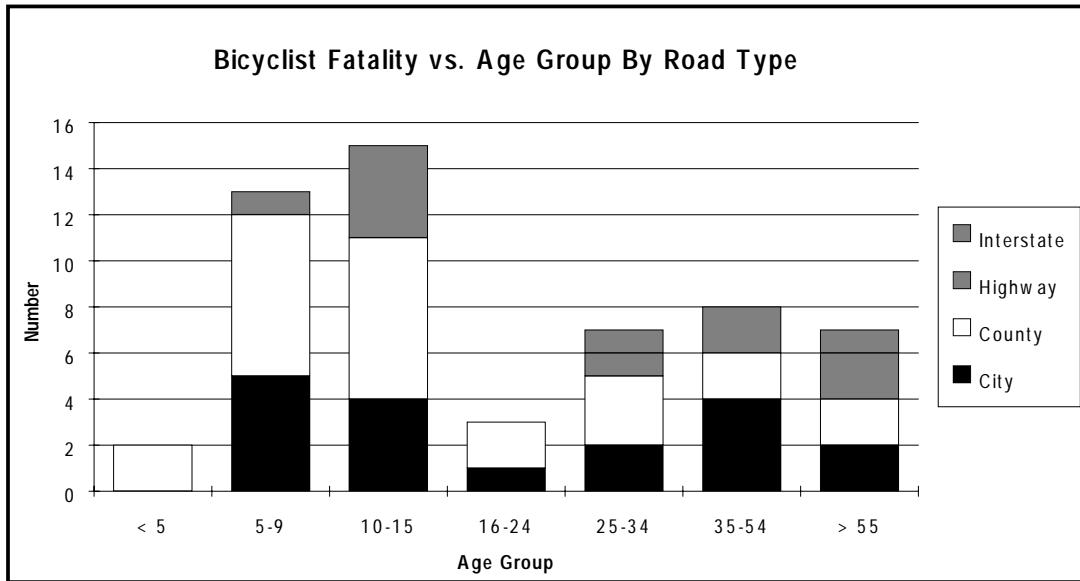


Figure 11: Bicyclist Fatality Vs Age Group By Road Type

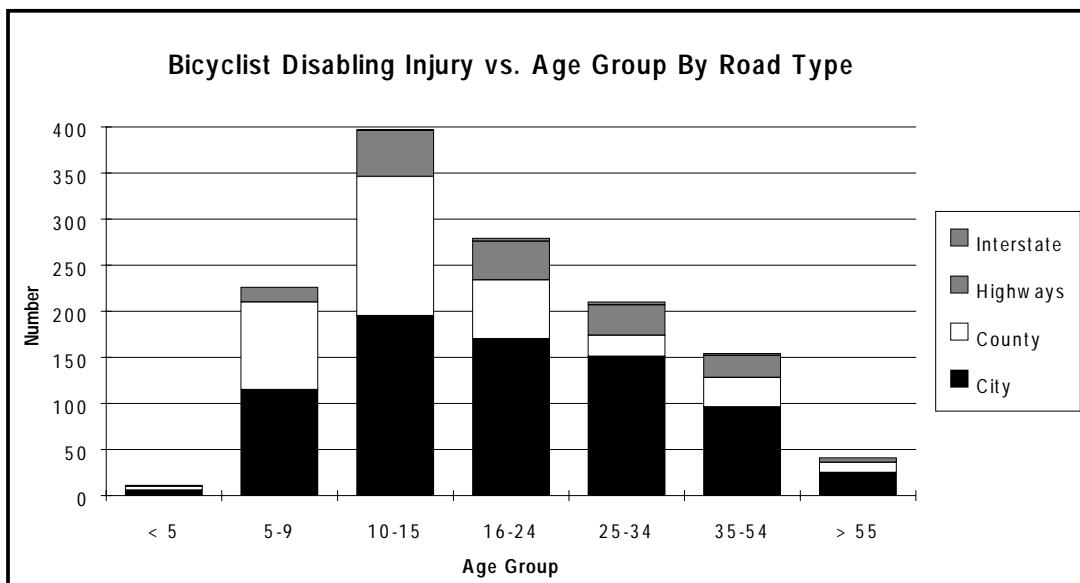


Figure 12: Bicyclist Disabling Injury Vs Age Group By Road Type

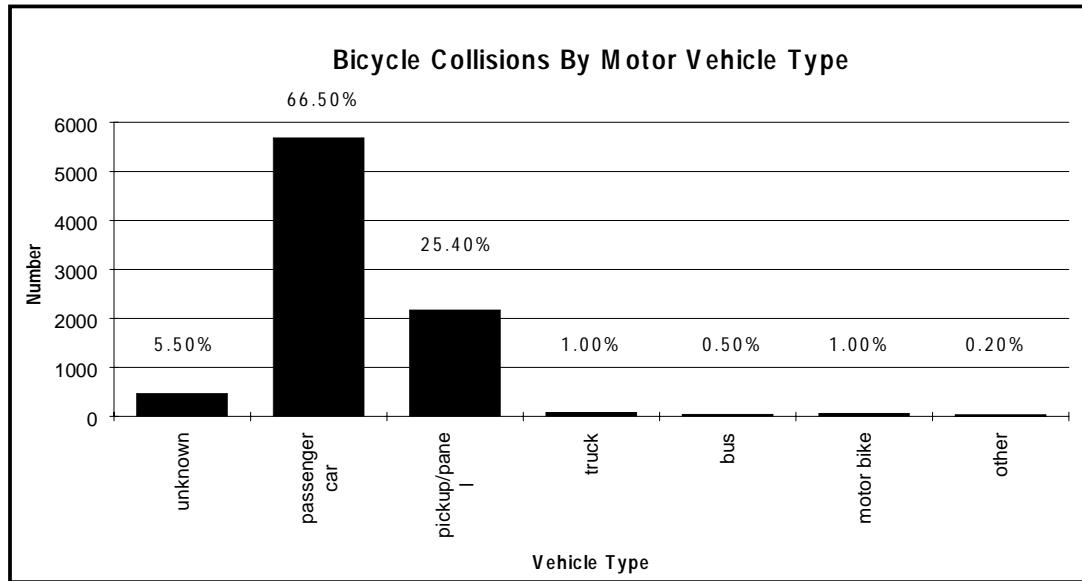


Figure 13: Bicycle Collision By Motor Vehicle Type

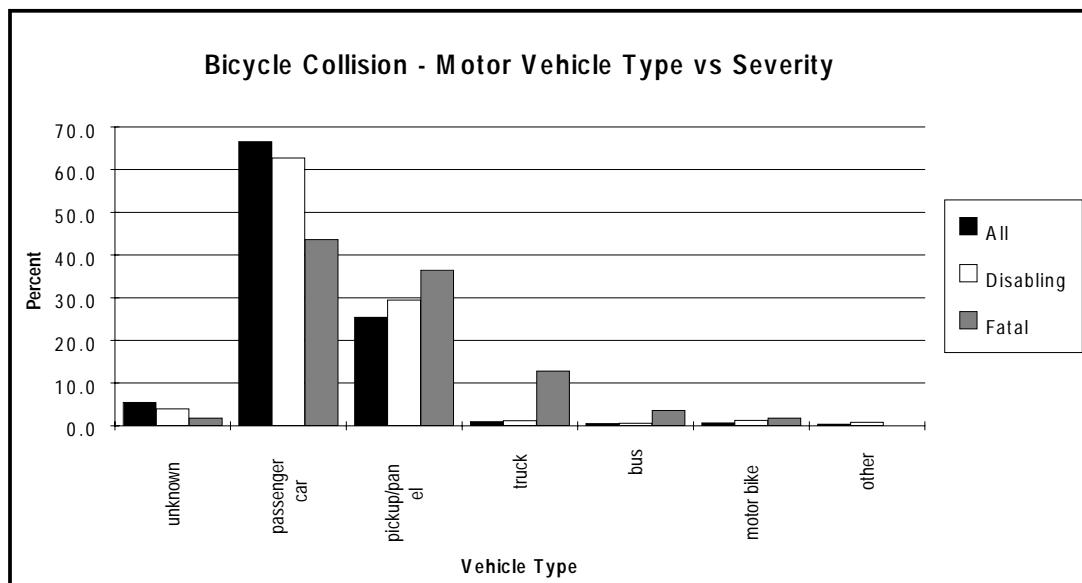


Figure 14: Bicycle Collision - Motor Vehicle Type Vs Severity

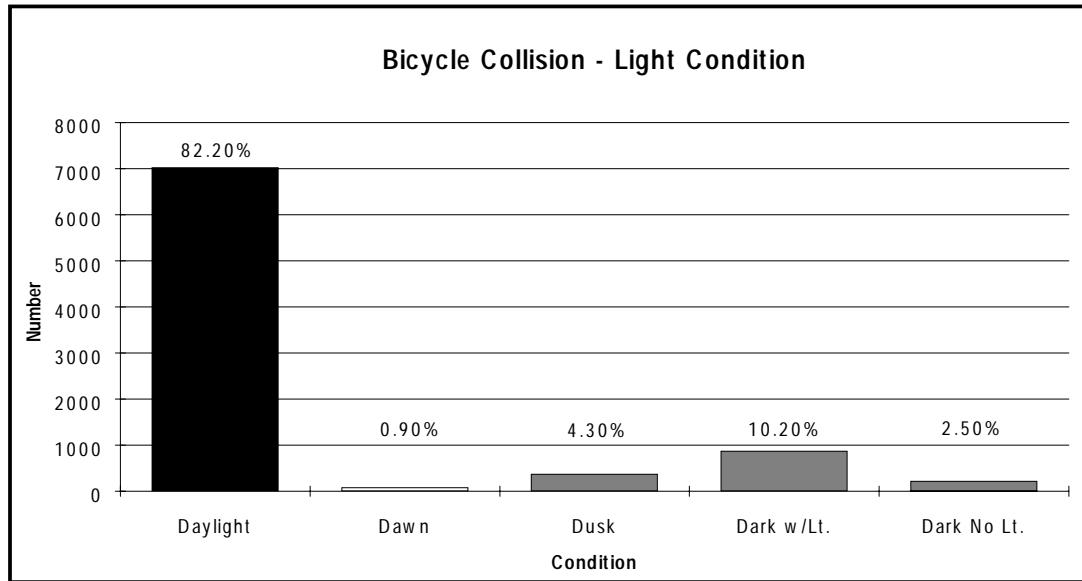


Figure 15: Bicycle Collision Light Condition

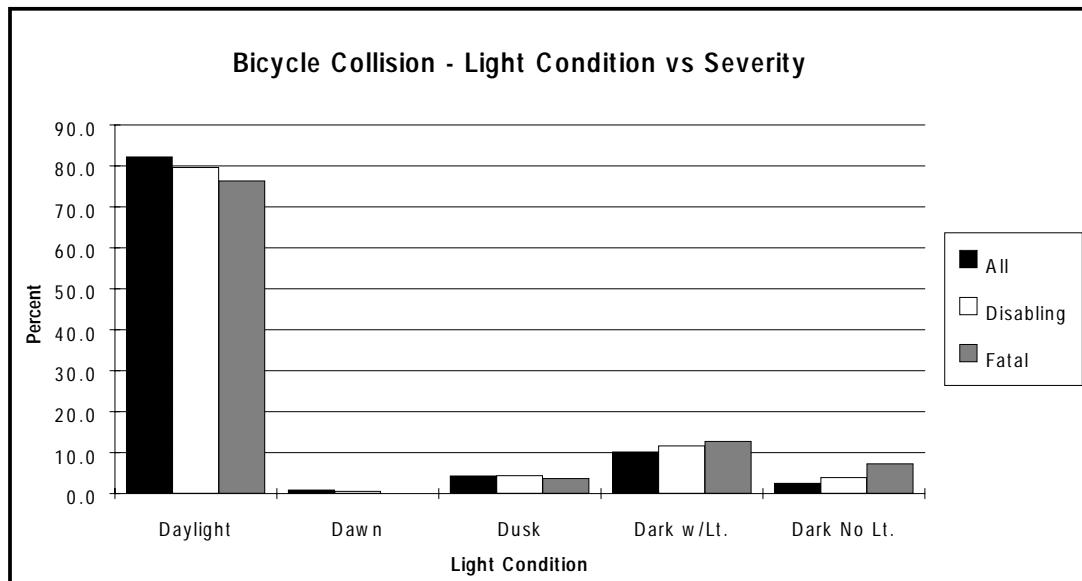


Figure 16: Bicycle Collision - Light Condition Vs Severity

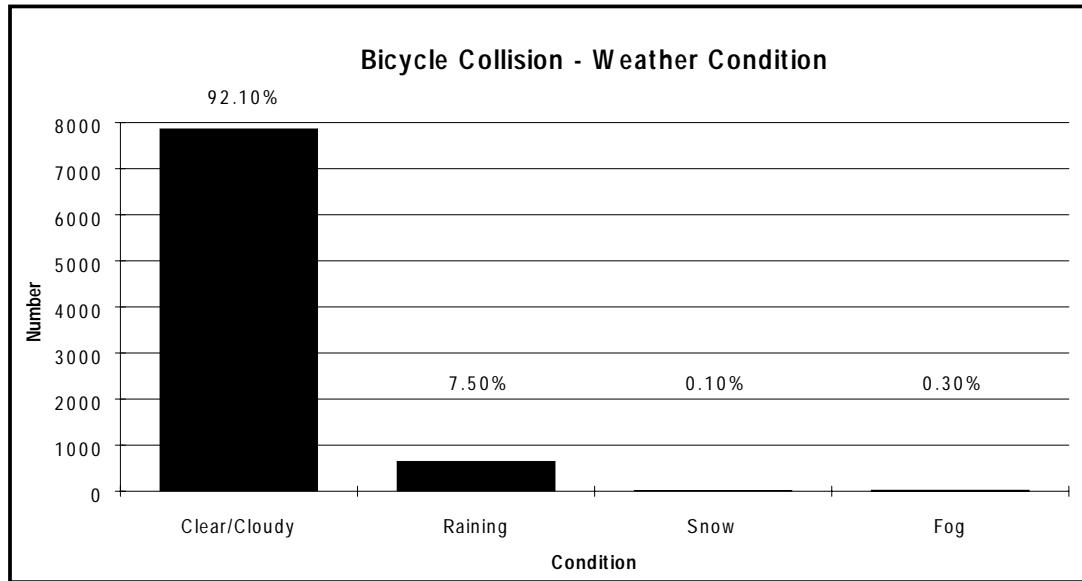


Figure 17: Bicycle Collision Weather Condition

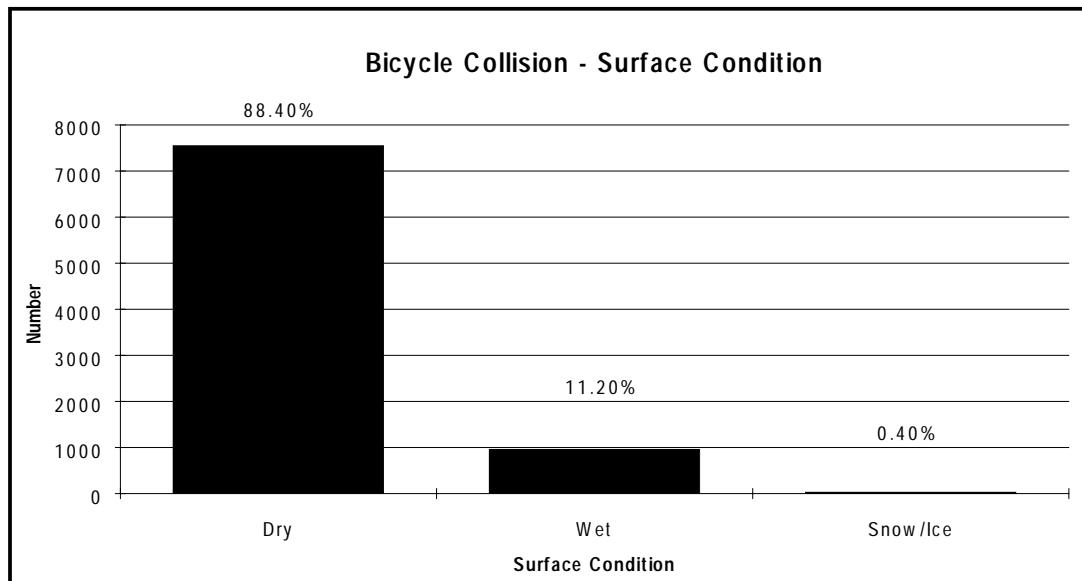


Figure 18: Bicycle Collision Surface Condition

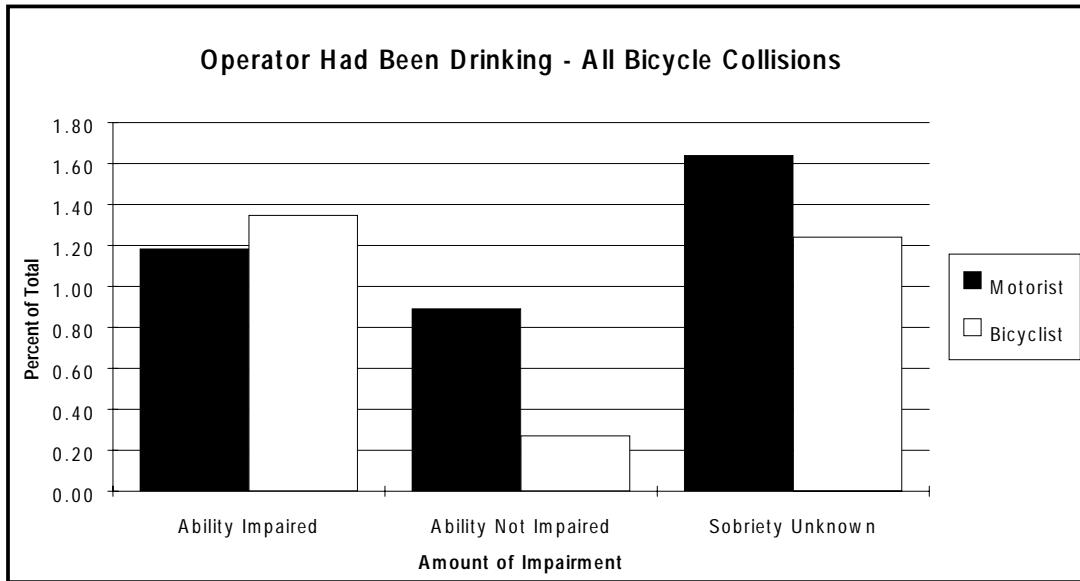


Figure 19: Operator Had Been Drinking - All Collisions

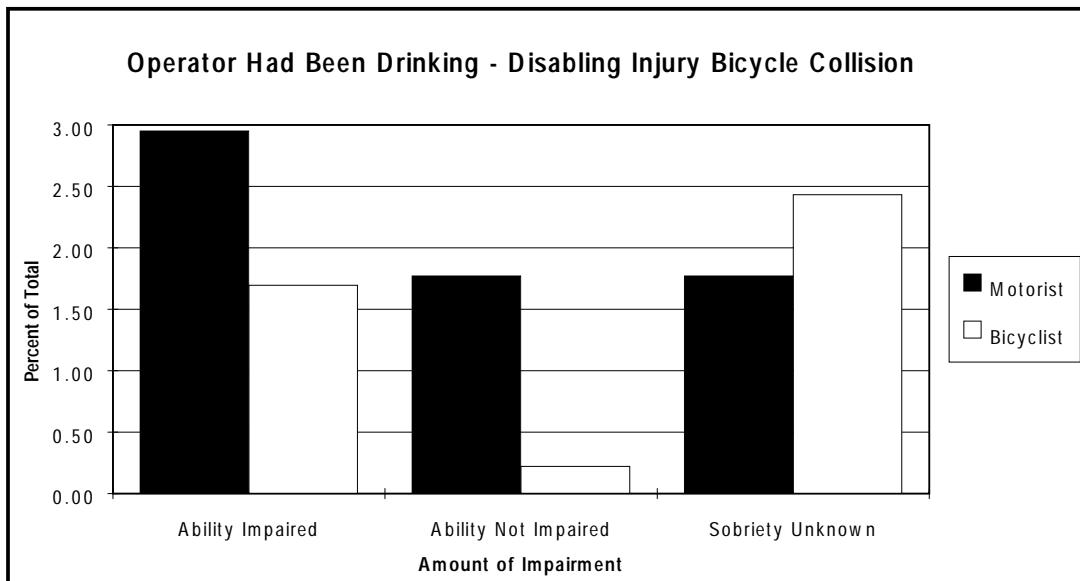


Figure 20: Operator Had Been Drinking - Disabling Injury

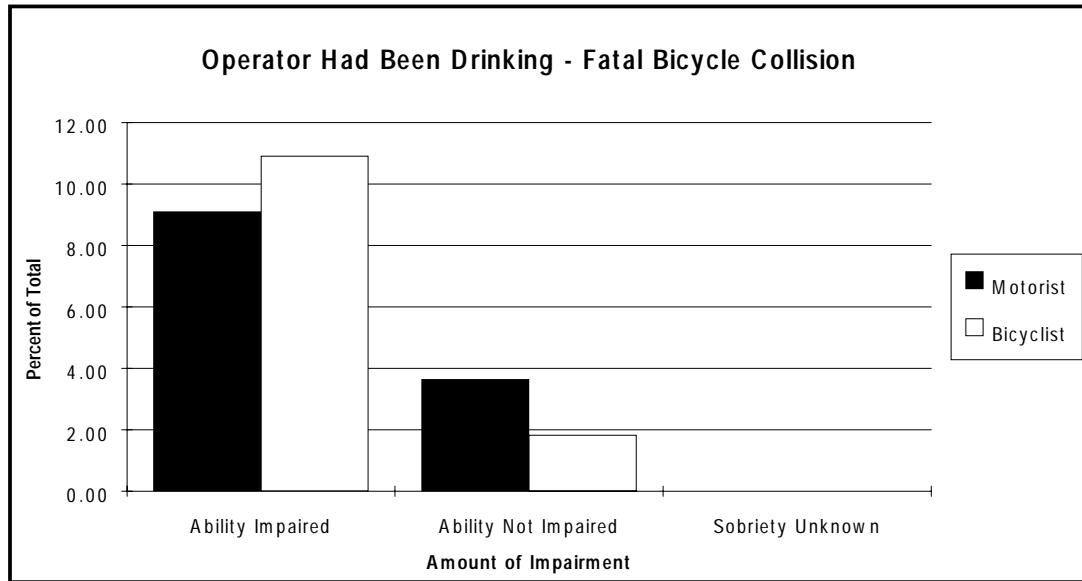


Figure 21: Operator Had Been Drinking - Fatal Collision

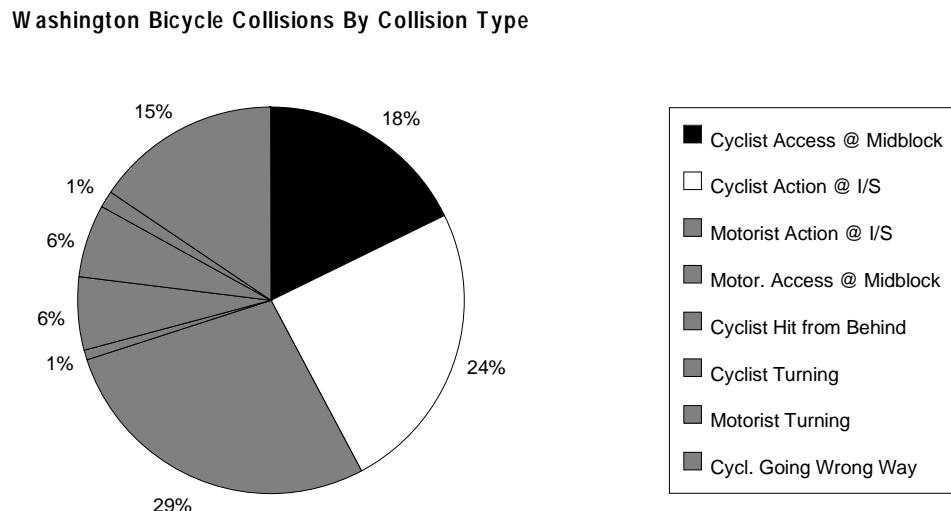


Figure 22: Bicycle Collision By Collision Type

Bicycle Collision Type vs Age of Bicyclist

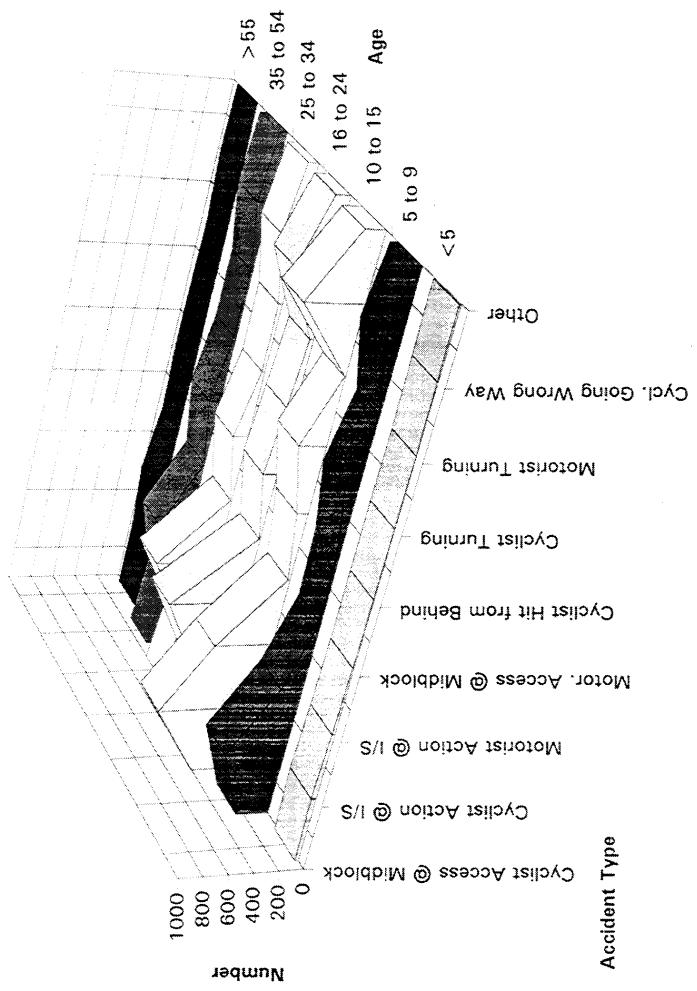


Figure 23: Bicycle Collision Type vs Age of Bicyclist

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993
BY YEAR

COLLISION TYPE	#	%	INJ.	FAT.	YEAR					
					1988	1989	1990	1991	1992	1993
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION										
TYPE 1-3: Driveway/Alley	1322	15.5	1290	6	184	193	213	224	255	253
Type 4: Curb Shoulder	105	1.2	101	3	28	12	20	11	20	14
TOTAL GROUP A	1427	16.7	1391	8	212	205	233	235	275	267
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS										
Type 5b/6b: Cycl. Disregard Sign/Signal	657	7.7	644	6	125	111	89	118	122	92
Type 7b: Cyclist Fails to Yield	616	7.2	608	2	124	98	103	88	100	103
Type 8b: Cyclist Turning	250	2.9	240	3	38	36	49	33	51	43
Type Bb: Cyclist Xing or Entering	430	5.0	416	3	79	77	60	73	78	63
TOTAL GROUP B, TYPE 5b-Bb	1953	22.9	1908	14	366	322	301	312	351	301
Type 5m: Motor Veh. Disregards Sign	32	0.4	32	0	4	8	6	2	5	7
Type 6m: Motor Veh. Disregards Signal	61	0.7	60	0	5	12	11	10	12	11
Type 7m: Motor Veh. Fails to Yield	1265	14.8	1248	2	175	177	196	219	271	227
Type 8m: Motor Veh. Turning	41	0.5	41	0	6	12	6	9	3	5
Type Bx: Inadequate Information	833	9.8	798	3	154	122	124	132	156	145
TOTAL GROUP B, TYPE 5m-Bx	2232	26.1	2179	5	344	331	343	372	447	395
TOTAL GROUP B	4185	49.0	4087	19	710	653	644	684	798	696
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION										
Type 11: Backing from Driveway	64	0.7	62	1	13	10	11	10	12	8
TOTAL GROUP C	64	0.7	62	1	13	10	11	10	12	8
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE										
Type 13a: M. Veh./Cycl. Going Straight	406	4.8	392	10	72	68	70	69	72	55
Type 13/14/16/17: Motor Veh. Passing	70	0.8	68	1	13	10	12	11	13	11
Type 15: Motorist Following Too Closely	15	0.2	15	0	1	3	1	6	4	0
TOTAL GROUP D	491	5.7	475	11	86	81	83	86	89	66
COLLISION GROUP E: BICYCLIST TURNING/SWERVING										
TOTAL GROUP E	490	5.7	471	11	80	74	95	87	71	83
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT										
TOTAL GROUP F	98	1.1	91	1	15	13	16	26	15	13
COLLISION GROUP G: OTHER										
Type 26: Cyclist Going Wrong Way	1236	14.5	1212	1	135	184	186	233	273	225
Type 28: Motorist Going Wrong Way	2	0.0	2	0	0	1	0	0	1	0
Type 35: Motorist Driveout from Parking	28	0.3	28	0	4	4	4	6	3	7
Type 36: Cycl. Strikes Slow/Stop Veh.	439	5.1	413	0	77	64	71	77	88	62
Type 38b: Miscellaneous	80	0.9	78	2	12	13	13	15	19	8
TOTAL GROUP G	1785	20.9	1733	3	228	266	274	331	384	302
GRAND TOTAL ALL GROUPS	8540	100	8310	55	1344	1302	1356	1459	1644	1435

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

ALL ROADS

COLLISION TYPE	#	%	INJ	FAT	<5	AGE OF CYCLIST							
						5-9	10-15	16-24	25-34	35-54	>55	UNK	
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION													
TYPE 1-3: Driveway/Alley	1322	15.5	1290	6	27	260	377	292	180	110	25	51	
Type 4: Curb Shoulder	105	1.2	101	3	0	5	28	25	23	19	4	1	
TOTAL GROUP A	1427	16.7	1391	9	27	265	405	317	203	129	29	52	
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS													
Type 5b/6b: Cycl. Disregard Sign/Sgnl	657	7.7	644	6	9	144	264	131	60	22	12	15	
Type 7b: Cyclist Fails to Yield	616	7.2	608	2	10	164	251	83	57	32	8	11	
Type 8b: Cyclist Turning	250	2.9	240	3	8	37	98	40	26	25	7	9	
Type Bb: Cyclist Xing or Entering	430	5.0	416	3	17	143	192	35	12	17	0	14	
TOTAL GROUP B, TYPE 5b-Bb	1953	22.9	1908	14	44	488	805	289	155	96	27	49	
Type 5m: Motor Veh. Disregards Sign	32	0.4	32	0	1	2	7	10	7	4	0	1	
Type 6m: Motor Veh. Disregards Sgnl	61	0.7	60	0	0	0	10	29	16	5	1	0	
Type 7m: Motor Veh. Fails to Yield	1265	14.8	1248	2	8	84	278	366	308	154	38	29	
Type 8m: Motor Veh. Turning	41	0.5	41	0	1	0	5	11	15	6	2	1	
Type Bx: Inadequate Information	833	9.8	798	3	15	91	174	205	161	101	23	63	
TOTAL GROUP B, TYPE 5m-Bx	2232	26.1	2179	5	25	177	474	621	507	270	64	94	
TOTAL GROUP B	4185	49.0	4087	19	69	665	1279	910	662	366	91	143	
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION													
Type 11: Backing from Driveway	64	0.7	62	1	11	13	17	7	9	6	0	1	
TOTAL GROUP C	64	0.7	62	1	11	13	17	7	9	6	0	1	
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE													
Type 13a: M. Veh./Cycl. Go Straight	406	4.8	392	10	5	24	74	95	105	78	14	11	
Type 13/14/16/17: Motor Veh. Passing	70	0.8	68	1	0	1	14	17	16	14	5	3	
Type 15: Motorist Following Too Close	15	0.2	15	0	0	0	3	4	4	3	0	1	
TOTAL GROUP D	491	5.7	475	11	5	25	91	116	125	95	19	15	
COLLISION GROUP E: BICYCLIST TURNING/SWERVING													
TOTAL GROUP E	490	5.7	471	11	6	112	223	69	26	21	12	21	
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT													
TOTAL GROUP F	98	1.1	91	1	2	3	8	30	30	18	2	5	
COLLISION GROUP G: OTHER													
Type 26: Cyclist Going Wrong Way	1236	14.5	1212	1	10	131	486	296	152	106	27	28	
Type 28: Motorist Going Wrong Way	2	0.0	2	0	0	0	0	0	2	0	0	0	
Type 35: Motorist Driveout from Park	28	0.3	28	0	0	2	5	5	7	5	3	1	
Type 36: Cycl. Strikes Slow/Stop Veh.	439	5.1	413	0	13	53	136	95	63	47	5	27	
Type 38b: Miscellaneous	80	0.9	78	2	2	7	19	23	13	9	4	3	
TOTAL GROUP G	1785	20.9	1733	3	25	193	646	419	237	167	39	59	
GRAND TOTAL ALL GROUPS	8540	100	8310	55	145	1276	2669	1868	1292	802	192	296	
PERCENT TOTAL ALL GROUPS	100		97.3	0.6	1.7	14.9	31.3	21.9	15.1	9.4	2.2	3.5	

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

INTERSTATE

COLLISION TYPE	#	%	INJ	FAT	AGE OF CYCLIST							
					<5	5-9	10-15	16-24	25-34	35-54	>55	UNK
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	1	1.5	1	0	0	1	0	0	0	0	0	0
Type 4: Curb Shoulder	2	3.0	2	0	0	0	0	0	0	1	0	1
TOTAL GROUP A	3	4.5	3	0	0	1	0	0	0	1	0	1
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS												
Type 5b/6b: Cycl. Disregard Sign/Sgnl	4	6.0	3	0	0	0	1	1	1	1	0	0
Type 7b: Cyclist Fails to Yield	5	7.5	5	0	0	0	2	2	0	1	0	0
Type 8b: Cyclist Turning	5	7.5	4	1	0	0	0	1	1	2	1	0
Type Bb: Cyclist Xing or Entering	2	3.0	2	0	0	0	1	1	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	16	23.9	14	1	0	0	4	5	2	4	1	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	1	1.5	1	0	0	0	0	1	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	14	20.9	14	0	0	0	3	5	6	0	0	0
Type 8m: Motor Veh. Turning	0	0	0	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	9	13.4	8	0	1	0	1	1	4	1	0	1
TOTAL GROUP B, TYPE 5m-Bx	24	35.8	23	0	1	0	4	7	10	1	0	1
TOTAL GROUP B	40	59.7	37	1	1	0	8	12	12	5	1	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION												
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE												
Type 13a: M. Veh./Cycl. Go Straight	2	3.0	2	0	0	0	0	2	0	0	0	0
Type 13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Close	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	3.0	2	0	0	0	0	2	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING												
TOTAL GROUP E	4	6.0	4	0	0	0	1	1	0	1	1	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT												
TOTAL GROUP F	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	15	22.4	15	0	0	1	4	3	4	3	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	0	0	0	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	2	3.0	2	0	0	0	0	1	0	1	0	0
Type 38b: Miscellaneous	1	1.5	0	1	0	0	0	0	1	0	0	0
TOTAL GROUP G	18	26.9	17	1	0	1	4	4	5	4	0	0
GRAND TOTAL ALL GROUPS	67	100	63	2	1	2	13	19	17	11	2	2
PERCENT TOTAL ALL GROUPS	100		94.0	3.0	1.5	3.0	19.4	28.4	25.4	16.4	3.0	3.0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

STATE ROUTES

COLLISION TYPE	#	%	INJ	FAT	<5	AGE OF CYCLIST						
						5-9	10-15	16-24	25-34	35-54	>55	UNK
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	160	13.9	154	0	1	17	46	41	27	17	5	6
Type 4: Curb Shoulder	36	3.1	36	0	0	1	5	10	11	9	0	0
TOTAL GROUP A	196	17.1	190	0	1	18	51	51	38	26	5	6
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS												
Type 5b/6b: Cycl. Disregard Sign/Sgnl	88	7.7	88	0	0	5	44	19	9	4	3	4
Type 7b: Cyclist Fails to Yield	60	5.2	59	1	1	4	28	10	12	2	2	1
Type 8b: Cyclist Turning	30	2.6	30	0	0	1	11	9	1	7	0	1
Type Bb: Cyclist Xing or Entering	43	3.7	40	1	0	5	25	8	2	2	0	1
TOTAL GROUP B, TYPE 5b-Bb	221	19.3	217	2	1	15	108	46	24	15	5	7
Type 5m: Motor Veh. Disregards Sign	4	0.3	4	0	0	0	1	1	2	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	10	0.9	10	0	0	0	2	4	3	1	0	0
Type 7m: Motor Veh. Fails to Yield	175	15.2	174	0	1	13	48	41	39	21	8	4
Type 8m: Motor Veh. Turning	4	0.3	4	0	0	0	0	0	2	2	0	0
Type Bx: Inadequate Information	99	8.6	96	1	0	9	25	22	18	14	1	10
TOTAL GROUP B, TYPE 5m-Bx	292	25.4	288	1	1	22	76	68	64	38	9	14
TOTAL GROUP B	513	44.7	505	3	2	37	184	114	88	53	14	21
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION												
Type 11: Backing from Driveway	1	0.1	1	0	0	0	0	0	1	0	0	0
TOTAL GROUP C	1	0.1	1	0	0	0	0	0	1	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE												
Type 13a: M. Veh./Cycl. Go Straight	41	3.6	40	1	0	1	4	8	13	13	0	2
Type 13/14/16/17: Motor Veh. Passing	7	0.6	6	0	0	0	1	4	1	1	0	0
Type 15: Motorist Following Too Close	2	0.2	2	0	0	0	1	0	0	1	0	0
TOTAL GROUP D	50	4.4	48	1	0	1	6	12	14	15	0	2
COLLISION GROUP E: BICYCLIST TURNING/SWERVING												
TOTAL GROUP E	68	5.9	63	5	2	7	34	9	7	1	6	2
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT												
TOTAL GROUP F	11	1.0	11	0	0	1	0	5	3	2	0	0
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	243	21.2	237	1	2	10	78	76	39	26	9	3
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	1	0.1	1	0	0	0	0	1	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	58	5.1	51	0	0	9	15	13	13	5	1	2
Type 38b: Miscellaneous	7	0.6	7	0	0	1	1	3	0	2	0	0
TOTAL GROUP G	309	26.3	296	1	2	20	94	93	52	33	10	5
GRAND TOTAL ALL GROUPS	1148	100	1114	10	7	84	369	284	203	130	35	36
PERCENT TOTAL ALL GROUPS	100		97.0	0.9	0.6	7.3	32.1	24.7	17.7	11.2	3.1	3.1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

COUNTY ROADS

COLLISION TYPE	#	%	INJ	FAT	<5	AGE OF CYCLIST							
						5-9	10-15	16-24	25-34	35-54	>55	UNK	
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION													
TYPE 1-3: Driveway/Alley	292	16.3	285	5	13	96	106	30	15	20	5	7	
Type 4: Curb Shoulder	46	2.6	44	2	0	2	17	12	5	8	2	0	
TOTAL GROUP A	338	18.9	329	7	13	98	123	42	20	28	7	7	
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS													
Type 5b/6b: Cycl. Disregard Sign/Sgnl	141	7.9	138	3	3	43	62	22	4	4	1	2	
Type 7b: Cyclist Fails to Yield	128	7.1	128	0	3	46	61	7	6	3	0	2	
Type 8b: Cyclist Turning	56	3.1	53	0	0	9	30	6	2	4	1	4	
Type Bb: Cyclist Xing or Entering	104	5.8	99	2	4	35	56	5	1	1	0	2	
TOTAL GROUP B, TYPE 5b-Bb	429	23.9	418	5	10	133	209	40	13	12	2	10	
Type 5m: Motor Veh. Disregards Sign	3	0.2	3	0	0	0	2	0	1	0	0	0	
Type 6m: Motor Veh. Disregards Sgnl	4	0.2	4	0	0	0	0	3	1	0	0	0	
Type 7m: Motor Veh. Fails to Yield	128	7.1	127	0	2	9	34	31	30	16	5	1	
Type 8m: Motor Veh. Turning	9	0.5	9	0	0	0	2	1	3	2	1	0	
Type Bx: Inadequate Information	121	7.1	115	0	2	17	29	28	12	19	4	10	
TOTAL GROUP B, TYPE 5m-Bx	265	15.1	258	0	4	26	67	63	47	37	10	11	
TOTAL GROUP B	700	39.0	676	5	14	159	276	103	60	49	12	21	
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION													
Type 11: Backing from Driveway	11	0.6	11	0	3	1	5	2	0	0	0	0	
TOTAL GROUP C	11	0.6	11	0	3	1	5	2	0	0	0	0	
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE													
Type 13a: M. Veh./Cycl. Go Straight	124	6.9	117	6	0	12	29	32	24	20	6	1	
Type 13/14/16/17: Motor Veh. Passing	39	2.2	38	1	0	1	10	9	5	9	3	2	
Type 15: Motorist Following Too Close	2	0.1	2	0	0	0	1	0	1	0	0	0	
TOTAL GROUP D	165	9.2	157	7	0	13	40	41	30	29	9	3	
COLLISION GROUP E: BICYCLIST TURNING/SWERVING													
TOTAL GROUP E	208	11.6	202	5	2	48	117	27	5	3	2	4	
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT													
TOTAL GROUP F	9	0.5	8	1	1	0	2	2	4	0	0	0	
COLLISION GROUP G: OTHER													
Type 26: Cyclist Going Wrong Way	261	14.6	256	0	2	43	128	52	14	15	4	3	
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0	
Type 35: Motorist Driveout from Park	4	.2	4	0	0	1	2	0	0	0	1	0	
Type 36: Cycl. Strikes Slow/Stop Veh.	79	4.4	73	0	3	10	32	15	5	10	0	4	
Type 38b: Miscellaneous	17	0.9	17	0	1	2	7	4	2	0	0	1	
TOTAL GROUP G	361	20.1	350	0	6	56	169	71	21	25	5	8	
GRAND TOTAL ALL GROUPS	1786	100	1733	25	39	375	732	288	140	134	35	43	
PERCENT TOTAL ALL GROUPS	100		97.0	1.4	2.2	20.9	40.8	16.1	7.9	7.6	2.0	2.4	

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

CITY ROADS

COLLISION TYPE	#	%	AGE OF CYCLIST									
			INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>55	UNK
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	860	15.9	841	1	13	144	223	219	137	71	15	38
Type 4: Curb Shoulder	20	0.4	18	1	0	1	6	3	7	1	2	0
TOTAL GROUP A	880	16.0	859	2	13	145	229	222	144	72	17	38
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS												
Type 5b/6b: Cycl. Disregard Sign/Sgnl	422	7.7	413	3	6	96	155	89	46	13	8	9
Type 7b: Cyclist Fails to Yield	422	7.7	415	1	6	114	159	64	39	26	6	8
Type 8b: Cyclist Turning	159	2.9	153	2	8	27	57	24	22	12	5	4
Type Bb: Cyclist Xing or Entering	279	5.1	273	0	13	102	109	21	9	14	0	11
TOTAL GROUP B, TYPE 5b-Bb	1282	23.3	1254	6	33	339	480	198	116	65	19	32
Type 5m: Motor Veh. Disregards Sign	25	0.5	25	0	1	2	4	9	4	4	0	1
Type 6m: Motor Veh. Disregards Sgnl	46	0.8	45	0	0	0	8	21	12	4	1	0
Type 7m: Motor Veh. Fails to Yield	948	17.2	933	2	5	62	193	289	233	117	25	24
Type 8m: Motor Veh. Turning	28	0.5	28	0	1	0	3	10	10	2	1	1
Type Bx: Inadequate Information	602	10.9	577	2	12	65	119	153	127	66	18	42
TOTAL GROUP B, TYPE 5m-Bx	1649	30.0	1608	4	19	129	327	482	386	193	45	68
TOTAL GROUP B	2931	53.2	2862	10	52	468	807	680	502	258	64	100
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION												
Type 11: Backing from Driveway	50	0.9	48	1	8	11	11	5	8	6	0	1
TOTAL GROUP C	50	0.9	48	1	8	11	11	5	8	6	0	1
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE												
Type 13a: M. Veh./Cycl. Go Straight	238	4.3	232	3	5	10	41	53	68	45	8	8
Type 13/14/16/17: Motor Veh. Passing	24	0.4	24	0	0	0	3	4	10	4	2	1
Type 15: Motorist Following Too Close	11	0.2	11	0	0	0	1	4	3	2	0	1
TOTAL GROUP D	273	5.0	267	3	5	10	45	61	81	51	10	10
COLLISION GROUP E: BICYCLIST TURNING/SWERVING												
TOTAL GROUP E	203	3.7	195	1	2	54	68	32	13	16	3	15
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT												
TOTAL GROUP F	78	1.4	72	0	1	2	6	23	23	16	2	5
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	713	13.0	700	0	5	76	275	165	94	62	14	22
Type 28: Motorist Going Wrong Way	2	0.0	2	0	0	0	0	0	2	0	0	0
Type 35: Motorist Driveout from Park	23	0.4	23	0	0	1	3	4	7	5	2	1
Type 36: Cycl. Strikes Slow/Stop Veh.	299	5.4	286	0	10	34	89	65	45	31	4	21
Type 38b: Miscellaneous	54	1.0	53	1	1	4	11	16	9	7	4	2
TOTAL GROUP G	1091	19.8	1064	1	16	115	378	252	157	105	24	46
GRAND TOTAL ALL GROUPS	5506	100	5367	18	97	805	1544	1273	928	524	120	215
PERCENT TOTAL ALL GROUPS	100		97.5	0.3	1.7	14.6	28.1	23.1	16.8	9.5	2.2	3.9

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

OTHER ROADS/PATHS/TRAILS

COLLISION TYPE	#	%	INJ	FAT	AGE OF CYCLIST							
					<5	5-9	10-15	16-24	25-34	35-54	>55	UNK
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	9	27.3	9	0	0	2	2	2	1	2	0	0
Type 4: Curb Shoulder	1	3.0	1	0	0	1	0	0	0	0	0	0
TOTAL GROUP A	10	30.3	10	0	0	3	2	2	1	2	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS												
Type 5b/6b: Cycl. Disregard Sign/Sgnl	2	6.1	2	0	0	0	2	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	1	3.0	1	0	0	0	1	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	2	6.1	2	0	0	1	1	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	5	15.2	5	0	0	1	4	0	0	0	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	0	0	0	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh. Turning	0	0	0	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	2	6.1	2	0	0	0	0	1	0	1	0	0
TOTAL GROUP B, TYPE 5m-Bx	2	6.1	2	0	0	0	0	1	0	1	0	0
TOTAL GROUP B	7	21.2	7	0	0	1	4	1	0	1	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION												
Type 11: Backing from Driveway	2	6.1	2	0	0	1	1	0	0	0	0	0
TOTAL GROUP C	2	6.1	2	0	0	1	1	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE												
Type 13a: M. Veh./Cycl. Go Straight	1	3.0	1	0	0	1	0	0	0	0	0	0
Type 13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Close	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	3.0	1	0	0	1	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING												
TOTAL GROUP E	7	21.2	7	0	0	3	3	0	1	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT												
TOTAL GROUP F	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	4	12.1	4	0	1	1	1	0	1	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	0	0	0	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	3.0	1	0	0	0	0	1	0	0	0	0
Type 38b: Miscellaneous	1	3.0	1	0	0	0	0	0	1	0	0	0
TOTAL GROUP G	6	18.2	6	0	1	1	1	1	2	0	0	0
GRAND TOTAL ALL GROUPS	33	100	33	0	1	10	11	4	4	3	0	0
PERCENT TOTAL ALL GROUPS	100		100	0	3.0	30.3	33.3	12.1	12.1	9.1	0	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

ADAMS COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	9.1	1	0	0	0	0	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	9.1	1	0	0	0	0	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	3	27.3	3	0	0	0	0	3	0
Type 7b: Cyclist Fails to Yield	3	27.3	3	0	0	0	0	3	0
Type 8b: Cyclist Turning	1	9.1	1	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	7	63.6	7	0	0	0	0	7	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
TOTAL GROUP B	7	63.6	7	0	0	0	0	7	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	1	9.1	1	0	0	0	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	1	9.1	1	0	0	0	0	1	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	9.1	1	0	0	0	0	1	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	2	18.2	2	0	0	0	0	2	0
GRAND TOTAL ALL GROUPS	11	100.0	11	0	0	0	1	10	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

ASOTIN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	5	19.2	5	0	0	2	1	2	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	5	19.2	5	0	0	2	1	2	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	2	7.7	2	0	0	1	0	1	0
Type 7b: Cyclist Fails to Yield	1	3.8	1	0	0	0	0	1	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	2	7.7	2	0	0	0	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	5	19.2	5	0	0	1	1	3	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	4	15.4	4	0	0	2	0	2	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	8	30.8	8	0	0	3	1	4	0
TOTAL GROUP B, TYPE 5m-Bx	12	46.2	12	0	0	5	1	6	0
TOTAL GROUP B	17	65.4	17	0	0	6	2	9	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	2	7.7	2	0	0	2	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	2	7.7	2	0	0	0	2	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	2	7.7	2	0	0	0	2	0	0
GRAND TOTAL ALL GROUPS	26	100.0	26	0	0	10	5	11	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

BENTON COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	20	18.7	20	0	0	0	6	14	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	20	18.7	20	0	0	0	6	14	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	9	8.4	8	0	0	0	0	9	0
Type 7b: Cyclist Fails to Yield	9	8.4	8	0	0	0	0	9	0
Type 8b: Cyclist Turning	9	8.4	9	0	0	0	1	8	0
Type Bb: Cyclist Xing or Entering	7	6.5	7	0	0	0	0	7	0
TOTAL GROUP B, TYPE 5b-Bb	34	31.8	32	0	0	0	1	33	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	17	15.9	17	0	0	0	1	16	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	7	6.5	7	0	0	0	2	5	0
TOTAL GROUP B, TYPE 5m-Bx	24	22.4	24	0	0	0	3	21	0
TOTAL GROUP B	58	54.2	56	0	0	0	4	54	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	3	2.8	3	0	0	0	0	3	0
TOTAL GROUP C	3	2.8	3	0	0	0	0	3	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	4	3.7	3	1	0	0	3	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	4	3.7	3	1	0	0	3	1	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	2	1.9	2	0	0	0	0	2	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	15	14.0	15	0	1	1	1	12	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	4	3.7	4	0	0	0	1	3	0
Type 38b: Miscellaneous	1	0.9	1	0	0	0	0	1	0
TOTAL GROUP G	20	18.7	20	0	1	1	2	16	0
GRAND TOTAL ALL GROUPS	107	100.0	104	1	1	1	15	90	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

CHELAN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	11	10.9	11	0	0	2	2	7	0
Type 4: Curb Shoulder	2	2.0	2	0	0	2	0	0	0
TOTAL GROUP A	13	12.9	13	0	0	4	2	7	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	10	9.9	10	0	0	3	1	6	0
Type 7b: Cyclist Fails to Yield	5	5.0	5	0	0	0	0	5	0
Type 8b: Cyclist Turning	3	3.0	3	0	0	0	0	3	0
Type Bb: Cyclist Xing or Entering	13	12.9	12	0	0	5	2	6	0
TOTAL GROUP B, TYPE 5b-Bb	31	30.7	30	0	0	8	3	20	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	7	6.9	7	0	0	1	0	6	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	14	13.9	14	0	0	0	3	11	0
TOTAL GROUP B, TYPE 5m-Bx	21	20.9	21	0	0	1	3	17	0
TOTAL GROUP B	52	51.5	51	0	0	9	6	37	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	1.0	1	0	0	0	1	0	0
TOTAL GROUP C	1	1.0	1	0	0	0	1	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	7	6.9	6	1	0	1	3	3	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	1	1.0	1	0	0	0	0	1	0
TOTAL GROUP D	8	7.9	7	1	0	1	3	4	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	5	5.0	5	0	0	0	2	3	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	1.0	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	15	14.9	15	0	0	2	0	13	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	1.0	1	0	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	4	4.0	4	0	0	0	0	4	0
Type 38b: Miscellaneous	1	1.0	1	0	0	0	1	0	0
TOTAL GROUP G	21	20.8	21	0	0	2	1	18	0
GRAND TOTAL ALL GROUPS	101	100.0	99	1	0	16	15	70	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

CLALLAM COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	17	17.9	17	0	0	6	3	8	0
Type 4: Curb Shoulder	1	1.1	1	0	0	1	0	0	0
TOTAL GROUP A	18	18.9	18	0	0	7	3	8	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	9	9.5	9	0	0	4	0	5	0
Type 7b: Cyclist Fails to Yield	8	8.4	8	0	0	2	0	6	0
Type 8b: Cyclist Turning	2	2.1	2	0	0	1	0	1	0
Type Bb: Cyclist Xing or Entering	4	4.2	3	0	0	0	0	3	1
TOTAL GROUP B, TYPE 5b-Bb	23	24.2	22	0	0	7	0	15	1
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	18	18.9	18	0	0	6	0	12	0
Type 8m: Motor Veh.Turning	1	1.1	1	0	0	0	0	1	0
Type Bx: Inadequate Information	10	10.5	10	0	0	3	0	7	0
TOTAL GROUP B, TYPE 5m-Bx	29	30.5	29	0	0	9	0	20	0
TOTAL GROUP B	52	54.7	51	0	0	16	0	35	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	5	5.3	4	1	0	2	0	3	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	5	5.3	4	1	0	2	0	3	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	2	2.1	2	0	0	2	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	2	2.1	2	0	0	2	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	11	11.6	11	0	0	8	1	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	5	5.3	4	0	0	1	0	4	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	16	16.8	15	0	0	9	1	6	0
GRAND TOTAL ALL GROUPS	95	100.0	92	1	0	38	4	52	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

CLARK COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	58	14.8	57	1	0	6	31	20	1
Type 4: Curb Shoulder	11	2.8	11	0	2	3	6	0	0
TOTAL GROUP A	69	17.6	68	1	2	9	37	20	1
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	35	9.0	34	1	0	2	14	19	0
Type 7b: Cyclist Fails to Yield	22	5.6	21	0	1	0	13	8	0
Type 8b: Cyclist Turning	7	1.8	7	0	1	1	4	1	0
Type Bb: Cyclist Xing or Entering	23	5.9	23	0	1	0	12	10	0
TOTAL GROUP B, TYPE 5b-Bb	87	22.2	85	1	3	3	43	38	0
Type 5m: Motor Veh. Disregards Sign	1	0.3	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	1	0.3	1	0	0	0	1	0	0
Type 7m: Motor Veh. Fails to Yield	46	11.8	45	0	2	4	22	18	0
Type 8m: Motor Veh.Turning	1	0.3	1	0	0	0	1	0	0
Type Bx: Inadequate Information	33	8.4	30	0	0	0	15	18	0
TOTAL GROUP B, TYPE 5m-Bx	82	21.0	78	0	2	4	39	37	0
TOTAL GROUP B	169	43.2	163	1	5	7	82	75	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	5	1.3	5	0	0	0	1	4	0
TOTAL GROUP C	5	1.3	5	0	0	0	1	4	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	16	4.1	15	1	0	2	9	5	0
Type13/14/16/17: Motor Veh. Passing	2	0.5	2	0	0	0	2	0	0
Type 15: Motorist Following Too Closely	1	0.3	1	0	0	0	0	1	0
TOTAL GROUP D	19	4.8	18	1	0	2	11	6	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	36	9.2	35	0	0	1	22	12	1
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	4	1.0	3	1	0	1	2	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	79	20.2	76	0	1	3	46	29	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	8	2.0	7	0	0	1	3	4	0
Type 38b: Miscellaneous	2	0.5	1	1	0	0	0	2	0
TOTAL GROUP G	89	22.8	84	1	1	4	49	35	0
GRAND TOTAL ALL GROUPS	391	100.0	376	5	8	24	204	153	2

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

COLUMBIA COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	3	50.0	3	0	0	2	0	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	3	50.0	3	0	0	2	0	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	1	16.7	1	0	0	0	0	1	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	1	16.7	1	0	0	0	0	1	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	1	16.7	1	0	0	0	0	1	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	1	16.7	1	0	0	0	0	1	0
TOTAL GROUP B	2	33.3	2	0	0	0	0	2	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	16.7	1	0	0	0	0	1	0
TOTAL GROUP C	1	16.7	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	6	100.0	6	0	0	2	0	4	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

COWLITZ COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	35	18.7	34	0	0	8	4	23	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	35	18.7	34	0	0	8	4	23	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	16	8.6	16	0	0	4	0	12	0
Type 7b: Cyclist Fails to Yield	12	6.4	12	0	0	2	2	8	0
Type 8b: Cyclist Turning	3	1.6	3	0	0	1	0	2	0
Type Bb: Cyclist Xing or Entering	14	7.5	14	0	0	4	1	9	0
TOTAL GROUP B, TYPE 5b-Bb	45	24.1	45	0	0	11	3	31	0
Type 5m: Motor Veh. Disregards Sign	1	0.5	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	1	0.5	1	0	0	0	0	1	0
Type 7m: Motor Veh. Fails to Yield	25	13.4	24	1	0	6	0	19	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	19	10.2	18	0	0	6	0	13	0
TOTAL GROUP B, TYPE 5m-Bx	46	24.6	44	1	0	12	0	34	0
TOTAL GROUP B	91	48.7	89	1	0	23	3	65	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	2	0.5	1	1	0	0	0	2	0
TOTAL GROUP C	2	0.5	1	1	0	0	0	2	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	5	2.7	5	0	0	0	1	4	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	5	2.7	5	0	0	0	1	4	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	12	6.5	12	0	0	5	2	5	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	35	18.7	34	1	1	6	1	27	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	0.5	1	0	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	4	2.1	3	0	0	0	0	4	0
Type 38b: Miscellaneous	2	1.1	2	0	0	0	0	2	0
TOTAL GROUP G	42	22.5	40	1	1	6	1	34	0
GRAND TOTAL ALL GROUPS	187	100.0	181	3	1	42	11	133	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

DOUGLAS COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	9.1	2	0	0	1	0	1	0
Type 4: Curb Shoulder	2	9.1	2	0	0	2	0	0	0
TOTAL GROUP A	4	18.2	4	0	0	3	0	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	7	31.8	6	1	0	3	0	4	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	1	4.5	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	8	36.4	7	1	0	3	0	5	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	2	9.1	2	0	0	0	1	1	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	1	4.5	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	3	13.6	3	0	0	0	1	2	0
TOTAL GROUP B	11	50.0	10	1	0	3	1	7	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	1	4.5	1	0	0	0	1	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	4.5	1	0	0	0	1	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	2	9.1	2	0	0	2	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	3	13.6	2	0	0	2	1	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	4.5	1	0	0	0	1	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	4	18.2	3	0	0	2	2	0	0
GRAND TOTAL ALL GROUPS	22	100.0	20	1	0	10	4	8	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

FERRY COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	20.0	1	0	0	0	1	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	20.0	1	0	0	0	1	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	1	20.0	1	0	0	1	0	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	1	20.0	1	0	0	1	0	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
TOTAL GROUP B	1	20.0	1	0	0	1	0	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	1	20.0	1	0	0	1	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	20.0	1	0	0	1	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	2	40.0	2	0	0	1	0	1	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	5	100.0	5	0	0	3	1	1	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

FRANKLIN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	8	21.6	7	0	0	0	0	8	0
Type 4: Curb Shoulder	1	2.7	1	0	0	0	0	1	0
TOTAL GROUP A	9	24.3	8	0	0	0	0	9	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	5	13.5	5	0	0	0	1	4	0
Type 7b: Cyclist Fails to Yield	3	8.1	3	0	0	0	0	3	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	4	10.8	4	0	0	0	0	4	0
TOTAL GROUP B, TYPE 5b-Bb	12	32.4	12	0	0	0	1	11	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	1	2.7	1	0	0	0	0	1	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	1	2.7	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	2	5.4	2	0	0	0	0	2	0
TOTAL GROUP B	14	37.8	14	0	0	0	1	13	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	1	2.7	1	0	0	0	0	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	2.7	1	0	0	0	0	1	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	3	8.1	3	0	0	0	0	3	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	2.7	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	7	18.9	7	0	0	0	1	6	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	2.7	1	0	0	0	0	1	0
Type 38b: Miscellaneous	1	2.7	1	0	0	0	0	1	0
TOTAL GROUP G	9	24.3	9	0	0	0	1	8	0
GRAND TOTAL ALL GROUPS	37	100.0	36	0	0	0	2	35	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

GARFIELD COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	100.0	1	0	0	0	0	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	100.0	1	0	0	0	0	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	0	0	0	0	0	0	0	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
TOTAL GROUP B	0	0	0	0	0	0	0	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	1	100	1	0	0	0	0	1	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

GRANT COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	5	9.6	5	0	0	1	0	4	0
Type 4: Curb Shoulder	1	1.9	1	0	0	0	0	0	1
TOTAL GROUP A	6	11.5	6	0	0	1	0	4	1
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	4	7.7	4	0	0	1	1	2	0
Type 7b: Cyclist Fails to Yield	3	5.8	3	0	0	1	0	2	0
Type 8b: Cyclist Turning	4	7.7	4	0	0	1	0	3	0
Type Bb: Cyclist Xing or Entering	2	3.8	2	0	0	0	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	13	25.0	13	0	0	3	2	8	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	5	9.6	5	0	0	2	0	3	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	6	11.5	4	0	0	2	0	4	0
TOTAL GROUP B, TYPE 5m-Bx	11	21.1	9	0	0	4	0	7	0
TOTAL GROUP B	24	46.2	22	0	0	7	2	15	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP C	1	1.9	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	3	5.8	2	1	0	0	2	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	5.8	2	1	0	0	2	1	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	3	5.8	3	0	0	0	3	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	1.9	1	0	0	1	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	11	21.1	11	0	0	3	0	8	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	3	5.8	3	0	0	1	0	2	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	14	26.9	14	0	0	4	0	10	0
GRAND TOTAL ALL GROUPS	52	100.0	49	1	0	13	7	31	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

GRAYS HARBOR COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	11	11.8	11	0	0	3	3	5	0
Type 4: Curb Shoulder	1	1.1	1	0	0	1	0	0	0
TOTAL GROUP A	12	12.9	12	0	0	4	3	5	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	8	8.6	8	0	0	3	0	5	0
Type 7b: Cyclist Fails to Yield	20	21.5	20	0	0	3	1	16	0
Type 8b: Cyclist Turning	1	1.1	1	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	3	3.2	3	0	0	1	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	32	34.4	32	0	0	7	2	23	0
Type 5m: Motor Veh. Disregards Sign	1	1.1	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	2	2.2	2	0	0	1	0	1	0
Type 7m: Motor Veh. Fails to Yield	10	10.8	10	0	0	3	0	7	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	6	6.5	6	0	0	2	0	4	0
TOTAL GROUP B, TYPE 5m-Bx	19	20.4	19	0	0	6	0	13	0
TOTAL GROUP B	51	54.8	51	0	0	13	2	36	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	1.1	1	0	0	0	0	1	0
TOTAL GROUP C	1	1.1	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	3	3.2	3	0	0	1	0	2	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	3.2	3	0	0	1	0	2	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	6	6.5	6	0	0	2	2	2	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	1.1	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	14	15.0	14	0	0	6	0	8	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	3	3.2	3	0	0	1	0	2	0
Type 38b: Miscellaneous	2	2.2	2	0	0	0	0	2	0
TOTAL GROUP G	19	20.4	19	0	0	7	0	12	0
GRAND TOTAL ALL GROUPS	93	100.0	93	0	0	27	7	59	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

ISLAND COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	11	22.0	11	0	0	1	2	8	0
Type 4: Curb Shoulder	1	2.0	1	0	0	0	1	0	0
TOTAL GROUP A	12	24.0	12	0	0	1	3	8	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	7	14.0	7	0	0	2	3	2	0
Type 7b: Cyclist Fails to Yield	2	4.0	2	0	0	0	1	1	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	2	4.0	2	0	0	0	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	11	22.0	11	0	0	2	5	4	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	7	14.0	7	0	0	4	1	2	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	3	6.0	3	0	0	0	2	1	0
TOTAL GROUP B, TYPE 5m-Bx	10	20.0	10	0	0	4	3	3	0
TOTAL GROUP B	21	42.0	21	0	0	6	8	7	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	5	10.0	5	0	0	2	1	1	1
Type13/14/16/17: Motor Veh. Passing	2	4.0	2	0	0	1	0	1	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	7	14.0	7	0	0	3	1	2	1
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	4	8.0	4	0	0	1	2	1	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	6	12.0	6	0	0	0	2	4	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	6	12.0	6	0	0	0	2	4	0
GRAND TOTAL ALL GROUPS	50	100.0	50	0	0	11	16	22	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

JEFFERSON COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	8.0	2	0	0	1	1	0	0
Type 4: Curb Shoulder	1	4.0	1	0	0	1	0	0	0
TOTAL GROUP A	3	12.0	3	0	0	2	1	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	4	16.0	4	0	0	1	1	2	0
Type 7b: Cyclist Fails to Yield	4	16.0	4	0	0	1	3	0	0
Type 8b: Cyclist Turning	1	4.0	0	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	9	36.0	8	0	0	2	4	3	0
Type 5m: Motor Veh. Disregards Sign	2	8.0	2	0	0	0	0	2	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	3	12.0	3	0	0	1	0	2	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	2	8.0	2	0	0	0	1	0	1
TOTAL GROUP B, TYPE 5m-Bx	7	28.0	7	0	0	1	1	4	1
TOTAL GROUP B	16	64.0	15	0	0	3	5	7	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	2	8.0	2	0	0	0	2	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	8.0	2	0	0	0	2	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	3	12.0	3	0	0	2	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	1	4.0	1	0	0	0	0	1	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	1	4.0	1	0	0	0	0	1	0
GRAND TOTAL ALL GROUPS	25	100.0	24	0	0	7	9	8	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

KING COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	521	16.1	508	3	0	62	65	392	2
Type 4: Curb Shoulder	25	0.8	22	2	0	9	10	6	0
TOTAL GROUP A	546	16.9	530	5	0	71	75	398	2
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	185	5.7	181	1	0	22	49	113	1
Type 7b: Cyclist Fails to Yield	212	6.6	209	1	3	16	47	146	0
Type 8b: Cyclist Turning	87	2.7	85	1	1	3	14	69	0
Type Bb: Cyclist Xing or Entering	135	4.2	131	2	1	13	26	95	0
TOTAL GROUP B, TYPE 5b-Bb	619	19.1	606	5	5	54	136	423	1
Type 5m: Motor Veh. Disregards Sign	13	0.4	13	0	0	4	0	9	0
Type 6m: Motor Veh. Disregards Signal	31	1.0	30	0	1	7	1	22	0
Type 7m: Motor Veh. Fails to Yield	601	18.6	593	0	3	69	54	475	0
Type 8m: Motor Veh.Turning	21	0.6	21	0	0	1	3	17	0
Type Bx: Inadequate Information	358	11.1	340	0	5	38	45	270	0
TOTAL GROUP B, TYPE 5m-Bx	1024	31.6	997	0	9	119	103	793	0
TOTAL GROUP B	1643	50.8	1603	5	14	173	239	1216	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	23	0.7	23	0	0	1	5	17	0
TOTAL GROUP C	23	0.7	23	0	0	1	5	17	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	158	4.9	156	1	1	14	27	116	0
Type13/14/16/17: Motor Veh. Passing	27	0.8	26	0	0	2	6	19	0
Type 15: Motorist Following Too Closely	9	0.3	9	0	0	2	2	5	0
TOTAL GROUP D	194	6.0	191	1	1	18	35	140	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	119	3.7	115	1	0	10	36	71	2
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	62	1.9	57	0	0	4	3	55	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	400	12.4	394	0	3	94	76	225	2
Type 28: Motorist Going Wrong Way	2	0.1	2	0	0	0	0	2	0
Type 35: Motorist Driveout from Parking	23	0.7	23	0	0	1	3	19	0
Type 36: Cycl. Strikes Slow/Stop Veh.	202	6.2	194	0	1	26	32	142	1
Type 38b: Miscellaneous	22	0.7	21	1	1	1	4	15	1
TOTAL GROUP G	649	20.1	634	1	5	122	115	403	4
GRAND TOTAL ALL GROUPS	3236	100.0	3153	13	20	399	508	2300	9

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

KITSAP COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	51	18.3	50	0	0	5	25	20	1
Type 4: Curb Shoulder	11	3.9	11	0	0	5	5	1	0
TOTAL GROUP A	62	22.2	61	0	0	10	30	21	1
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	32	11.5	32	0	0	6	16	10	0
Type 7b: Cyclist Fails to Yield	17	6.1	16	0	0	3	5	9	0
Type 8b: Cyclist Turning	7	2.5	7	0	0	2	0	5	0
Type Bb: Cyclist Xing or Entering	13	4.7	13	0	0	4	3	6	0
TOTAL GROUP B, TYPE 5b-Bb	69	24.7	68	0	0	15	24	30	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	32	11.5	31	0	0	8	10	14	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	17	6.1	17	0	0	7	4	6	0
TOTAL GROUP B, TYPE 5m-Bx	49	17.6	48	0	0	15	14	20	0
TOTAL GROUP B	118	42.2	116	0	0	30	38	50	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	21	7.5	21	0	0	6	6	9	0
Type13/14/16/17: Motor Veh. Passing	2	0.7	2	0	0	0	1	1	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	23	8.2	23	0	0	6	7	10	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	30	10.8	30	0	0	4	21	5	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	3	1.1	3	0	0	0	1	2	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	29	10.4	29	0	0	8	16	4	1
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	12	4.3	11	0	0	4	2	6	0
Type 38b: Miscellaneous	2	0.7	2	0	0	0	1	1	0
TOTAL GROUP G	43	15.4	42	0	0	12	19	11	1
GRAND TOTAL ALL GROUPS	279	100.0	275	0	0	62	116	99	2

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

KITTITAS COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	9	16.1	9	0	0	0	0	9	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	9	16.1	9	0	0	0	0	9	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	8	14.3	7	0	0	1	0	7	0
Type 7b: Cyclist Fails to Yield	3	5.4	3	0	0	0	0	3	0
Type 8b: Cyclist Turning	1	1.8	1	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	1	1.8	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	13	23.2	12	0	0	1	0	12	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	7	12.5	7	0	0	0	0	7	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	8	14.3	7	0	0	0	0	8	0
TOTAL GROUP B, TYPE 5m-Bx	15	26.8	14	0	0	0	0	15	0
TOTAL GROUP B	28	50.0	26	0	0	1	0	27	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	3	5.4	3	0	0	0	1	2	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	5.4	3	0	0	0	1	2	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	3	5.4	3	0	0	0	1	2	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	1.8	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	5	8.9	5	0	0	0	0	5	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	6	10.7	5	0	0	0	0	6	0
Type 38b: Miscellaneous	1	1.8	1	0	0	0	0	1	0
TOTAL GROUP G	12	21.4	11	0	0	0	0	12	0
GRAND TOTAL ALL GROUPS	56	100.0	53	0	0	1	2	53	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

KLICKITAT COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0	0	0	0	0	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	0	0	0	0	0	0	0	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	2	33.3	2	0	0	0	0	2	0
Type 7b: Cyclist Fails to Yield	1	16.7	1	0	0	1	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	1	16.7	1	0	0	0	1	0	0
TOTAL GROUP B, TYPE 5b-Bb	4	66.7	4	0	0	1	1	2	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	1	16.7	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	1	16.7	1	0	0	0	0	1	0
TOTAL GROUP B	5	83.3	5	0	0	1	1	3	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	1	16.7	1	0	0	1	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	6	100.0	6	0	0	2	1	3	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

LEWIS COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	6	6.0	5	1	0	1	3	2	0
Type 4: Curb Shoulder	2	2.0	2	0	0	1	1	0	0
TOTAL GROUP A	8	8.0	7	1	0	2	4	2	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	11	11.0	11	0	1	0	0	10	0
Type 7b: Cyclist Fails to Yield	5	5.0	5	0	0	1	0	4	0
Type 8b: Cyclist Turning	1	1.0	1	0	0	1	0	0	0
Type Bb: Cyclist Xing or Entering	3	3.0	3	0	0	2	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	20	20.0	20	0	1	4	0	15	0
Type 5m: Motor Veh. Disregards Sign	1	1.0	1	0	0	0	1	0	0
Type 6m: Motor Veh. Disregards Signal	1	1.0	1	0	0	0	0	1	0
Type 7m: Motor Veh. Fails to Yield	12	12.0	12	0	0	5	0	7	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	7	7.0	7	0	0	1	1	5	0
TOTAL GROUP B, TYPE 5m-Bx	21	21.0	21	0	0	6	2	13	0
TOTAL GROUP B	41	41.0	41	0	1	10	2	28	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	6	6.0	6	0	1	0	2	3	0
Type13/14/16/17: Motor Veh. Passing	2	2.0	2	0	0	0	2	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	8	8.0	8	0	1	0	4	3	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	7	7.0	7	0	0	2	3	2	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	32	32.0	32	0	2	3	6	21	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	3	3.0	3	0	0	1	1	1	0
Type 38b: Miscellaneous	1	1.0	1	0	0	0	1	0	0
TOTAL GROUP G	36	36.0	36	0	2	4	8	22	0
GRAND TOTAL ALL GROUPS	100	100.0	99	1	4	18	21	57	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

LINCOLN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	20.0	1	0	0	0	0	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	20.0	1	0	0	0	0	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	1	20.0	1	0	0	1	0	0	0
Type 7b: Cyclist Fails to Yield	1	20.0	1	0	0	0	0	1	0
Type 8b: Cyclist Turning	1	20.0	1	0	0	1	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	3	60.0	3	0	0	2	0	1	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
TOTAL GROUP B	3	60.0	3	0	0	2	0	1	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	20.0	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	5	100.0	5	0	0	2	0	3	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

MASON COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	7	20.6	6	0	0	3	3	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	7	20.6	6	0	0	3	3	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	3	8.8	3	0	0	0	0	3	0
Type 7b: Cyclist Fails to Yield	5	14.7	5	0	0	1	0	4	0
Type 8b: Cyclist Turning	1	2.9	1	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	9	26.5	9	0	0	1	0	8	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	2	5.9	2	0	0	2	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	6	17.6	6	0	0	2	0	4	0
TOTAL GROUP B, TYPE 5m-Bx	8	23.5	8	0	0	4	0	4	0
TOTAL GROUP B	17	50.0	17	0	0	5	0	12	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	2.9	1	0	0	0	0	0	1
TOTAL GROUP C	1	2.9	1	0	0	0	0	0	1
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	2	5.9	2	0	0	1	0	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	5.9	2	0	0	1	0	1	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	1	2.9	1	0	0	0	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	5	14.7	5	0	0	1	2	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	1	2.9	1	0	0	1	0	0	0
TOTAL GROUP G	6	17.6	6	0	0	2	2	2	0
GRAND TOTAL ALL GROUPS	34	100.0	33	0	0	11	6	16	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

OKANOGAN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	10.5	2	0	0	2	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	2	10.5	2	0	0	2	0	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	1	5.3	1	0	0	1	0	0	0
Type 7b: Cyclist Fails to Yield	3	15.8	2	1	0	1	0	2	0
Type 8b: Cyclist Turning	2	10.5	2	0	0	2	0	0	0
Type Bb: Cyclist Xing or Entering	2	10.5	2	0	0	2	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	8	42.1	7	1	0	6	0	2	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	1	5.3	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	1	5.3	1	0	0	0	0	1	0
TOTAL GROUP B	9	47.4	8	1	0	6	0	3	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	4	21.1	4	0	0	3	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	3	15.8	3	0	0	1	0	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	5.3	1	0	0	1	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	4	21.1	4	0	0	2	0	2	0
GRAND TOTAL ALL GROUPS	19	100.0	18	1	0	13	1	5	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

PACIFIC COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	10.0	1	0	0	2	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	2	10.0	1	0	0	2	0	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	3	15.0	3	0	0	2	1	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	1	5.0	1	0	0	0	1	0	0
Type Bb: Cyclist Xing or Entering	2	10.0	2	0	0	0	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	6	30.0	6	0	0	2	3	1	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	3	15.0	2	1	0	2	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	3	15.0	2	1	0	2	0	1	0
TOTAL GROUP B	9	45.0	8	1	0	4	3	2	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	4	20.0	4	0	0	3	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	2	10.0	2	0	0	1	0	1	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	5.0	1	0	0	0	1	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	5.0	0	0	0	1	0	0	0
Type 38b: Miscellaneous	1	5.0	1	0	0	0	1	0	0
TOTAL GROUP G	5	25.0	4	0	0	2	2	1	0
GRAND TOTAL ALL GROUPS	20	100.0	17	1	0	11	6	3	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

PEND OREILLE COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	25.0	1	0	0	1	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	25.0	1	0	0	1	0	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	0	0	0	0	0	0	0	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	2	50.0	2	0	0	2	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	2	50.0	2	0	0	2	0	0	0
TOTAL GROUP B	2	50.0	2	0	0	2	0	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	25.0	1	0	0	0	1	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	1	25.0	1	0	0	0	1	0	0
GRAND TOTAL ALL GROUPS	4	100.0	4	0	0	3	1	0	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

PIERCE COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	137	14.4	133	1	0	18	45	71	3
Type 4: Curb Shoulder	14	1.5	14	0	0	4	7	3	0
TOTAL GROUP A	151	15.9	147	1	0	22	52	74	3
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	86	9.1	85	1	0	7	20	59	0
Type 7b: Cyclist Fails to Yield	70	7.4	70	0	1	5	22	42	0
Type 8b: Cyclist Turning	35	3.7	34	0	0	4	15	16	0
Type Bb: Cyclist Xing or Entering	63	6.6	61	1	0	4	18	41	0
TOTAL GROUP B, TYPE 5b-Bb	254	26.8	250	2	1	20	75	158	0
Type 5m: Motor Veh. Disregards Sign	5	0.5	5	0	0	0	1	4	0
Type 6m: Motor Veh. Disregards Signal	7	0.7	7	0	0	0	1	6	0
Type 7m: Motor Veh. Fails to Yield	117	12.3	117	0	0	9	21	87	0
Type 8m: Motor Veh.Turning	4	0.4	4	0	0	1	1	2	0
Type Bx: Inadequate Information	62	6.5	61	0	0	1	17	43	1
TOTAL GROUP B, TYPE 5m-Bx	195	20.5	194	0	0	11	41	142	1
TOTAL GROUP B	449	47.3	444	2	1	31	116	300	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	8	0.8	7	0	0	0	0	7	1
TOTAL GROUP C	8	0.8	7	0	0	0	0	7	1
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	40	4.2	38	1	0	2	16	22	0
Type13/14/16/17: Motor Veh. Passing	12	1.3	12	0	0	1	11	0	0
Type 15: Motorist Following Too Closely	2	0.2	2	0	0	0	0	2	0
TOTAL GROUP D	54	5.7	52	1	0	3	27	24	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	81	8.5	75	4	0	6	44	30	1
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	4	0.4	4	0	0	1	0	3	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	145	15.3	143	0	3	32	47	63	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	42	4.4	39	0	1	2	9	30	0
Type 38b: Miscellaneous	15	1.6	15	0	0	1	8	6	0
TOTAL GROUP G	202	21.3	197	0	4	35	64	99	0
GRAND TOTAL ALL GROUPS	949	100.0	926	8	5	98	303	537	6

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

SAN JUAN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	14.3	1	0	0	0	0	1	0
Type 4: Curb Shoulder	1	14.3	1	0	0	0	1	0	0
TOTAL GROUP A	2	28.6	2	0	0	0	1	1	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	1	14.3	1	0	0	0	1	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	1	14.3	1	0	0	0	1	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	1	14.3	1	0	0	0	1	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	1	14.3	1	0	0	0	1	0	0
TOTAL GROUP B	2	28.6	2	0	0	0	2	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	1	14.3	1	0	0	0	1	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	14.3	1	0	0	0	1	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	1	14.3	1	0	0	0	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	14.3	1	0	0	0	1	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	1	14.3	1	0	0	0	1	0	0
GRAND TOTAL ALL GROUPS	7	100.0	7	0	0	0	6	1	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

SKAGIT COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	10	8.3	10	0	0	1	3	6	0
Type 4: Curb Shoulder	4	3.3	4	0	0	1	3	0	0
TOTAL GROUP A	14	11.6	14	0	0	2	6	6	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	13	10.7	13	0	0	4	2	7	0
Type 7b: Cyclist Fails to Yield	8	6.6	8	0	0	2	1	5	0
Type 8b: Cyclist Turning	4	3.3	4	0	0	3	1	0	0
Type Bb: Cyclist Xing or Entering	7	5.8	7	0	0	2	1	4	0
TOTAL GROUP B, TYPE 5b-Bb	32	26.4	32	0	0	11	5	16	0
Type 5m: Motor Veh. Disregards Sign	1	0.8	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	25	20.7	25	0	0	9	1	15	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	9	7.4	8	0	0	2	0	7	0
TOTAL GROUP B, TYPE 5m-Bx	35	28.9	34	0	0	11	1	23	0
TOTAL GROUP B	67	55.4	66	0	0	22	6	39	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	2	1.7	2	0	0	1	0	1	0
Type13/14/16/17: Motor Veh. Passing	1	0.8	1	0	0	0	1	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	2.5	3	0	0	1	1	1	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	9	7.4	9	0	0	3	4	2	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	0.8	1	0	0	1	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	19	15.7	19	0	0	9	2	8	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	7	5.8	7	0	0	1	1	5	0
Type 38b: Miscellaneous	1	0.8	1	0	0	0	0	1	0
TOTAL GROUP G	27	22.3	27	0	0	10	3	14	0
GRAND TOTAL ALL GROUPS	121	100.0	120	0	0	39	20	62	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

SKAMANIA COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	25.0	1	0	0	0	1	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	25.0	1	0	0	0	1	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	1	25.0	1	0	0	0	1	0	0
Type 7b: Cyclist Fails to Yield	1	25.0	1	0	0	1	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	2	50.0	2	0	0	1	1	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
TOTAL GROUP B	2	50.0	2	0	0	1	1	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	1	25.0	1	0	0	0	1	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	4	100.0	4	0	0	1	3	0	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

SNOHOMISH COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	133	17.9	133	0	0	18	44	71	0
Type 4: Curb Shoulder	11	1.5	11	0	0	6	3	2	0
TOTAL GROUP A	144	19.3	144	0	0	24	47	73	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	56	7.5	53	1	2	7	13	34	0
Type 7b: Cyclist Fails to Yield	64	8.6	64	0	0	11	19	34	0
Type 8b: Cyclist Turning	25	3.4	24	0	1	7	10	7	0
Type Bb: Cyclist Xing or Entering	44	5.9	42	0	0	3	14	26	1
TOTAL GROUP B, TYPE 5b-Bb	189	25.3	183	1	3	28	56	101	1
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	6	0.8	6	0	0	2	0	4	0
Type 7m: Motor Veh. Fails to Yield	78	10.5	77	0	3	28	5	42	0
Type 8m: Motor Veh.Turning	3	0.4	3	0	0	1	1	1	0
Type Bx: Inadequate Information	59	7.9	55	1	2	14	9	34	0
TOTAL GROUP B, TYPE 5m-Bx	146	19.6	141	1	5	45	15	81	0
TOTAL GROUP B	335	44.9	324	2	8	73	71	182	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	0.1	1	0	0	0	0	1	0
TOTAL GROUP C	1	0.1	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	33	4.4	32	1	0	3	17	13	0
Type13/14/16/17: Motor Veh. Passing	6	0.8	6	0	0	1	5	0	0
Type 15: Motorist Following Too Closely	1	0.1	1	0	0	0	0	1	0
TOTAL GROUP D	40	5.4	39	1	0	4	22	14	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	47	6.3	44	3	0	5	26	15	1
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	4	0.5	4	0	0	1	1	2	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	122	16.4	119	0	2	38	22	60	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	47	6.3	44	0	0	10	15	22	0
Type 38b: Miscellaneous	6	0.8	6	0	0	1	0	5	0
TOTAL GROUP G	175	23.5	169	0	2	49	37	87	0
GRAND TOTAL ALL GROUPS	746	100.0	725	6	10	156	204	374	2

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

SPOKANE COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	87	11.4	84	0	0	5	17	65	0
Type 4: Curb Shoulder	8	1.0	7	1	0	0	5	3	0
TOTAL GROUP A	95	12.5	91	1	0	5	22	68	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	64	8.4	64	0	1	7	11	45	0
Type 7b: Cyclist Fails to Yield	68	8.9	68	0	0	5	6	57	0
Type 8b: Cyclist Turning	24	3.1	23	0	0	2	5	17	0
Type Bb: Cyclist Xing or Entering	39	5.1	37	0	0	0	14	25	0
TOTAL GROUP B, TYPE 5b-Bb	195	25.6	192	0	1	14	36	144	0
Type 5m: Motor Veh. Disregards Sign	2	0.3	2	0	0	0	0	2	0
Type 6m: Motor Veh. Disregards Signal	8	1.0	8	0	0	0	1	7	0
Type 7m: Motor Veh. Fails to Yield	105	13.8	104	1	0	8	8	89	0
Type 8m: Motor Veh.Turning	6	0.8	6	0	0	1	1	4	0
Type Bx: Inadequate Information	90	11.8	87	1	0	8	13	69	0
TOTAL GROUP B, TYPE 5m-Bx	211	27.7	207	2	0	17	23	171	0
TOTAL GROUP B	406	53.3	399	2	1	31	59	315	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	4	0.5	4	0	0	0	2	2	0
TOTAL GROUP C	4	0.5	4	0	0	0	2	2	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	42	5.5	41	0	0	3	11	28	0
Type13/14/16/17: Motor Veh. Passing	3	0.4	3	0	0	0	2	1	0
Type 15: Motorist Following Too Closely	1	0.1	1	0	0	0	0	1	0
TOTAL GROUP D	46	6.0	45	0	0	3	13	30	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	44	5.8	43	0	0	2	15	27	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	3	0.4	3	0	0	0	0	3	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	120	15.7	115	0	0	15	17	88	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	0.1	1	0	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	33	4.3	32	0	0	3	6	24	0
Type 38b: Miscellaneous	10	1.3	10	0	0	3	1	6	0
TOTAL GROUP G	164	21.5	158	0	0	21	24	119	0
GRAND TOTAL ALL GROUPS	762	100.0	743	3	1	62	135	564	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

STEVENS COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	6	20.0	6	0	0	1	5	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	6	20.0	6	0	0	1	5	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	2	6.7	2	0	0	1	0	1	0
Type 7b: Cyclist Fails to Yield	6	20.0	6	0	0	1	0	5	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	1	3.3	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	9	30.0	9	0	0	2	0	7	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	5	16.7	5	0	0	2	0	3	0
TOTAL GROUP B, TYPE 5m-Bx	5	16.7	5	0	0	2	0	3	0
TOTAL GROUP B	14	46.7	14	0	0	4	0	10	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	1	3.3	1	0	0	0	1	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	3.3	1	0	0	0	1	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	2	6.7	2	0	0	0	1	0	1
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	3.3	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	5	16.7	5	0	0	1	1	3	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	3.3	1	0	0	1	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	6	20.0	6	0	0	2	1	3	0
GRAND TOTAL ALL GROUPS	30	100.0	30	0	0	7	8	14	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

THURSTON COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	53	16.3	52	0	0	5	11	36	1
Type 4: Curb Shoulder	3	0.9	3	0	0	0	3	0	0
TOTAL GROUP A	56	17.2	55	0	0	5	14	36	1
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	22	6.8	22	0	0	0	1	21	0
Type 7b: Cyclist Fails to Yield	17	5.2	17	0	0	1	2	13	1
Type 8b: Cyclist Turning	9	2.8	8	0	1	1	3	4	0
Type Bb: Cyclist Xing or Entering	16	4.9	15	0	0	1	4	11	0
TOTAL GROUP B, TYPE 5b-Bb	64	19.7	62	0	1	3	10	49	1
Type 5m: Motor Veh. Disregards Sign	1	0.3	1	0	0	0	1	0	0
Type 6m: Motor Veh. Disregards Signal	2	0.6	2	0	0	0	0	2	0
Type 7m: Motor Veh. Fails to Yield	40	12.3	40	0	2	1	2	35	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	31	9.5	31	0	0	1	5	25	0
TOTAL GROUP B, TYPE 5m-Bx	74	22.8	74	0	2	2	8	62	0
TOTAL GROUP B	138	42.5	136	0	3	5	18	111	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	3	0.9	3	0	0	0	1	2	0
TOTAL GROUP C	3	0.9	3	0	0	0	1	2	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	12	3.7	11	1	0	0	4	8	0
Type13/14/16/17: Motor Veh. Passing	4	1.2	4	0	0	0	3	1	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	16	4.9	15	1	0	0	7	9	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	19	5.8	19	0	1	4	10	3	1
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	3	0.9	2	0	0	0	2	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	74	22.8	72	0	2	1	11	59	1
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	13	4.0	12	0	0	0	4	9	0
Type 38b: Miscellaneous	3	0.9	3	0	0	0	0	3	0
TOTAL GROUP G	90	27.7	87	0	2	1	15	71	1
GRAND TOTAL ALL GROUPS	325	100.0	317	1	6	15	67	233	4

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

WAHKIAKUM COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	3	75.0	2	0	0	1	2	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	3	75.0	2	0	0	1	2	0	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	0	0	0	0	0	0	0	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	1	25.0	1	0	0	1	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	1	25.0	1	0	0	1	0	0	0
TOTAL GROUP B	1	25.0	1	0	0	1	0	0	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	4	100.0	3	0	0	2	2	0	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

WALLA WALLA COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	7	7.1	6	0	0	0	0	7	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	7	7.1	6	0	0	0	0	7	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	12	12.2	12	0	0	1	0	11	0
Type 7b: Cyclist Fails to Yield	9	9.2	8	0	0	1	1	7	0
Type 8b: Cyclist Turning	6	6.1	5	1	0	0	0	6	0
Type Bb: Cyclist Xing or Entering	7	7.1	7	0	0	1	0	6	0
TOTAL GROUP B, TYPE 5b-Bb	34	34.7	32	1	0	3	1	30	0
Type 5m: Motor Veh. Disregards Sign	1	1.0	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	17	17.3	16	0	0	0	0	17	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	10	10.2	10	0	0	1	0	9	0
TOTAL GROUP B, TYPE 5m-Bx	28	28.6	27	0	0	1	0	27	0
TOTAL GROUP B	62	63.3	59	1	0	4	1	57	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	2	2.0	2	0	0	0	0	2	0
TOTAL GROUP C	2	2.0	2	0	0	0	0	2	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	1	1.0	1	0	0	0	0	1	0
Type13/14/16/17: Motor Veh. Passing	1	1.0	1	0	0	0	0	1	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	2.0	2	0	0	0	0	2	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	6	6.1	6	0	0	2	1	3	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	2	2.0	2	0	0	0	0	2	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	8	8.2	8	0	0	1	0	7	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	7	7.1	6	0	0	1	0	6	0
Type 38b: Miscellaneous	2	2.0	2	0	0	0	0	2	0
TOTAL GROUP G	17	17.3	16	0	0	2	0	15	0
GRAND TOTAL ALL GROUPS	98	100.0	93	1	0	8	2	88	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

WHATCOM COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	50	20.1	49	0	1	1	4	43	1
Type 4: Curb Shoulder	1	0.4	1	0	0	0	0	1	0
TOTAL GROUP A	51	20.5	50	0	1	1	4	44	1
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	17	6.8	16	1	0	1	3	12	1
Type 7b: Cyclist Fails to Yield	15	6.0	15	0	0	0	2	13	0
Type 8b: Cyclist Turning	3	1.2	3	0	0	0	0	3	0
Type Bb: Cyclist Xing or Entering	9	3.6	9	0	0	1	2	6	0
TOTAL GROUP B, TYPE 5b-Bb	44	17.7	43	1	0	2	7	34	1
Type 5m: Motor Veh. Disregards Sign	2	0.8	2	0	0	0	0	2	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	40	16.1	38	0	4	1	0	35	0
Type 8m: Motor Veh.Turning	1	0.4	1	0	0	0	0	1	0
Type Bx: Inadequate Information	27	10.8	27	0	2	1	0	24	0
TOTAL GROUP B, TYPE 5m-Bx	70	28.1	68	0	6	2	0	62	0
TOTAL GROUP B	114	45.8	111	1	6	4	7	96	1
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	4	1.6	4	0	0	0	0	4	0
TOTAL GROUP C	4	1.6	4	0	0	0	0	4	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	15	6.0	14	0	0	1	10	4	0
Type13/14/16/17: Motor Veh. Passing	2	0.8	2	0	0	0	2	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	17	6.8	16	0	0	1	12	4	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	14	5.6	12	1	1	1	3	9	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	2	0.8	2	0	0	0	0	2	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	25	10.0	24	0	0	3	4	18	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	0.4	1	0	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	17	6.8	15	0	0	2	1	14	0
Type 38b: Miscellaneous	4	1.6	4	0	0	0	0	4	0
TOTAL GROUP G	47	18.9	44	0	0	5	5	37	0
GRAND TOTAL ALL GROUPS	249	100.0	239	2	8	12	31	196	2

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

WHITMAN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	7	13.5	7	0	0	1	0	6	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	7	13.5	7	0	0	1	0	6	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	5	9.6	5	0	0	2	0	3	0
Type 7b: Cyclist Fails to Yield	2	3.8	2	0	0	0	0	2	0
Type 8b: Cyclist Turning	1	1.9	0	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	2	3.8	2	0	0	0	0	2	0
TOTAL GROUP B, TYPE 5b-Bb	10	19.2	9	0	0	2	0	8	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	13	25.0	13	0	0	1	0	12	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	8	15.4	8	0	0	3	0	5	0
TOTAL GROUP B, TYPE 5m-Bx	21	40.4	21	0	0	4	0	17	0
TOTAL GROUP B	31	59.6	30	0	0	6	0	25	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP C	1	1.9	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	3	5.8	3	0	0	0	0	3	0
Type13/14/16/17: Motor Veh. Passing	2	3.8	2	0	0	1	1	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	5	9.6	5	0	0	1	1	3	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	1	1.9	1	0	0	1	0	0	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	1	1.9	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	5	9.6	5	0	0	3	0	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP G	6	11.5	6	0	0	3	0	3	0
GRAND TOTAL ALL GROUPS	52	100.0	51	0	0	12	1	39	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993

YAKIMA COUNTY

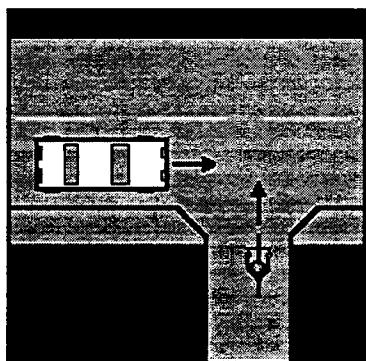
COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	36	16.0	35	0	0	0	10	26	0
Type 4: Curb Shoulder	4	1.8	4	0	0	0	1	3	0
TOTAL GROUP A	40	17.8	39	0	0	0	11	29	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	12	5.3	12	0	0	0	2	10	0
Type 7b: Cyclist Fails to Yield	16	7.1	16	0	0	1	3	12	0
Type 8b: Cyclist Turning	11	4.9	10	1	1	0	2	8	0
Type Bb: Cyclist Xing or Entering	10	4.4	9	0	0	0	1	9	0
TOTAL GROUP B, TYPE 5b-Bb	49	21.8	47	1	1	1	8	39	0
Type 5m: Motor Veh. Disregards Sign	1	0.4	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	2	0.9	2	0	0	0	0	2	0
Type 7m: Motor Veh. Fails to Yield	27	12.0	26	0	0	2	2	23	0
Type 8m: Motor Veh.Turning	3	1.3	3	0	0	0	1	2	0
Type Bx: Inadequate Information	21	9.3	21	0	0	0	3	18	0
TOTAL GROUP B, TYPE 5m-Bx	54	24.0	53	0	0	2	6	46	0
TOTAL GROUP B	103	45.8	100	1	1	3	14	85	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION									
Type 11: Backing from Driveway	3	1.3	3	0	0	0	1	2	0
TOTAL GROUP C	3	1.3	3	0	0	0	1	2	0
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE									
Type 13a: M. Veh./Cycl. Going Straight	16	7.1	15	1	0	2	8	6	0
Type13/14/16/17: Motor Veh. Passing	1	0.4	0	1	0	0	1	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	17	7.6	15	2	0	2	9	6	0
COLLISION GROUP E: BICYCLIST TURNING/SWERVING									
TOTAL GROUP E	13	5.8	11	2	2	3	3	5	0
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT									
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	37	16.4	37	0	0	1	2	34	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	11	4.9	10	0	0	1	1	9	0
Type 38b: Miscellaneous	1	0.4	1	0	0	0	0	1	0
TOTAL GROUP G	49	21.8	48	0	0	2	3	44	0
GRAND TOTAL ALL GROUPS	225	100.0	216	5	3	10	41	171	0

APPENDIX A

APPENDIX A

Modified Cross-Fisher Classification of Bicycle/Motor Vehicle Collisions Used by the Washington State Department of Transportation

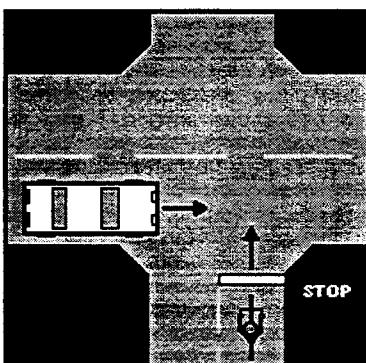
Class A: *Bicycle ride-out from driveway, alley and other midblock locations.*



Type 1 - 3: Rideout from driveway or alley

Class A

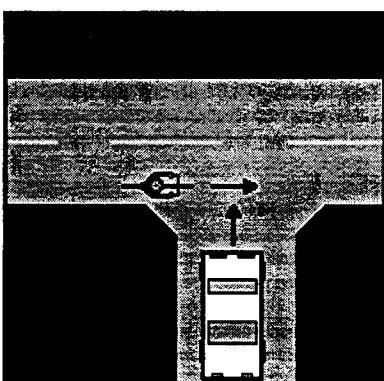
Class B: *Collisions at controlled intersection*



- Type 5b/6b: Bicyclist disregards sign or signal
- Type 7b: Bicyclist fails to yield
- Type 8b: Bicyclist turning
- Type Bb: Bicyclist crossing or entering
- Type 5m: Motorist disregards sign
- Type 6m: Motorist disregards signal
- Type 7m: Motorist fails to yield
- Type 8m: Motorist turning
- Type Bx: Inadequate information

Class B

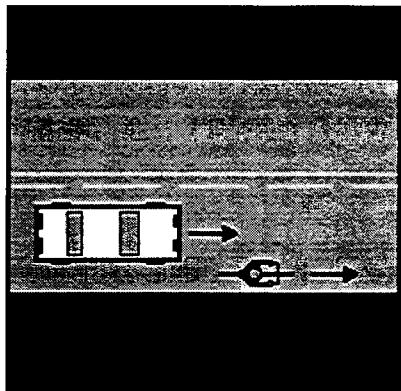
Class C: *Collisions at Driveways and Alleys*



Class C: Backing from driveway

Class C

Class D: Motorist overtaking



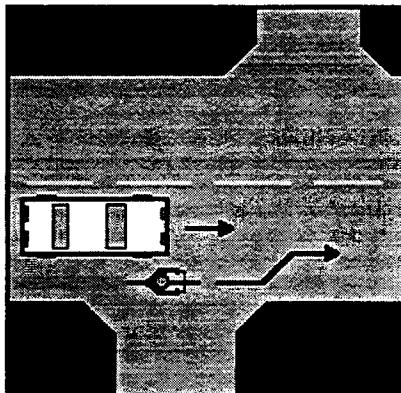
Type 13a: Motorist/cyclist going straight

Type 14/16/17: Motorist passing cyclist

Type 15: Motorist following too closely

Class D

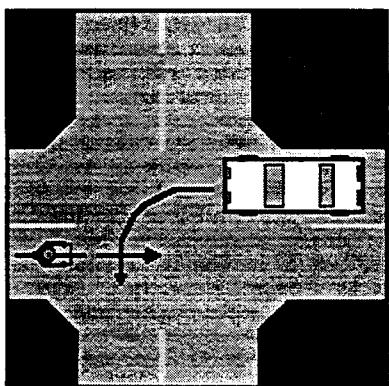
Class E: Bicyclist unexpected turn/swerve



Class E: Bicyclist turning or swerving

Class E

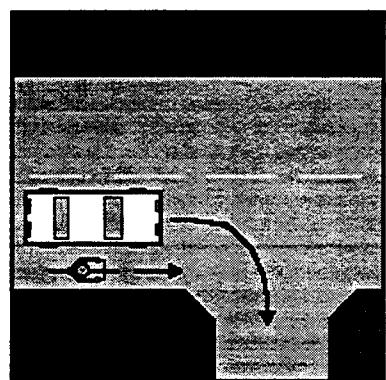
Class F: Motorist turning, cyclist not



Class F: Motorist turning, cyclist not

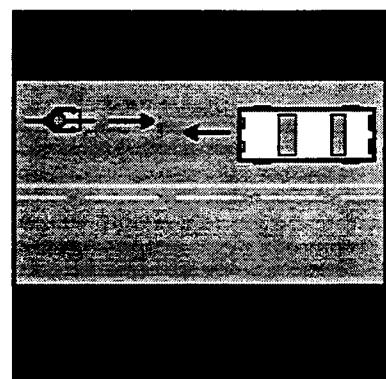
Class F

Class F: Motorist unexpected turn (continued)



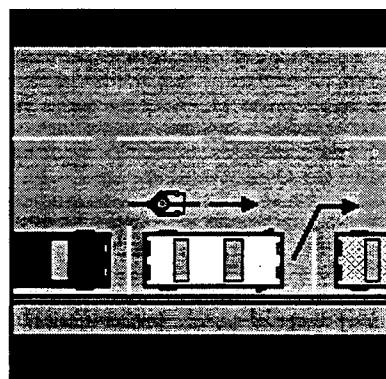
Class F

Class G: Other



Class G-26

- Type 26: Vehicle collide head-on, wrong way bicyclist
- Type 35: Motorist drive out from on-street parking
- Type 36: Cyclist strikes slowed or stopped vehicle
- Type 38b: Miscellaneous



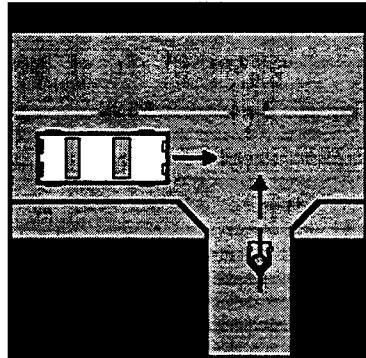
Class G-35

APPENDIX B

APPENDIX B

Cross-Fisher Classification of Bicycle/Motor Vehicle Collisions

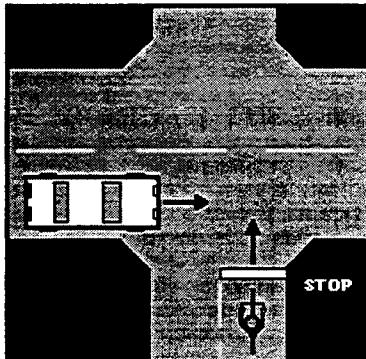
Class A: *Bicycle ride-out from driveway, alley and other midblock locations.*



Class A-1

- Type 1: Residential driveway ride-out
- Type 2: Commercial driveway ride-out
- Type 3: Parallel direction driveway ride-out
- Type 4: Ride-out over shoulder or curb

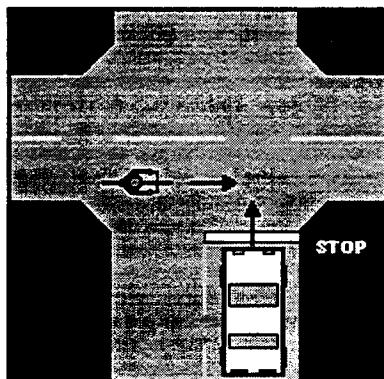
Class B: *Bicycle ride-out at controlled intersection*



Class B-5

- Type 5: Stop sign or yield sign
- Type 6: Signal phase change; cyclist caught in intersection
- Type 7: Ride-out at signal; multiple threat

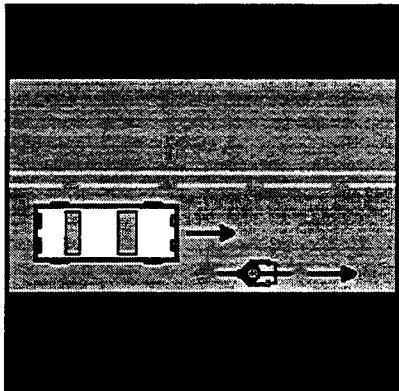
Class C: *Motorist turn/merge/drive through/driveout*



Class C-9

- Type 8: Motorist driveout from commercial driveway/alley
- Type 9: Motorist failure to yield at stop or yield sign
- Type 10: Motorist failure to yield at signal
- Type 11: Motorist backing from driveway
- Type 12: Motorist did not slow for sign or signal

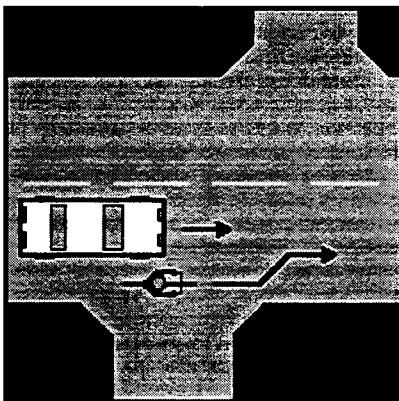
Class D: Motorist overtaking



- Type 13: Motorist overtaking/cyclist not seen
- Type 14: Motorist overtaking/out of control
- Type 15: Motorist overtaking/counteractive evasive action
- Type 16: Motorist overtaking/misjudged space required to pass
- Type 17: Motorist overtaking/cyclist's path obstructed type unknown

Class D

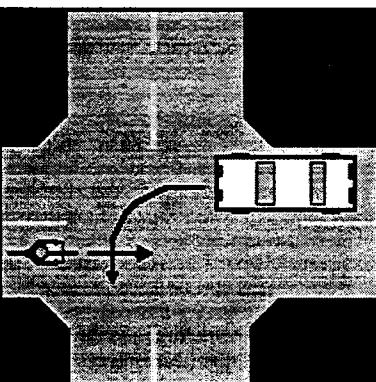
Class E: Bicyclist unexpected turn/swerve



- Type 18: Bicyclist unexpected left turn; parallel paths; same directions
- Type 19: Bicyclist unexpected left turn; parallel paths; opposite directions
- Type 20: Bicyclist unexpected swerve left; parallel paths; same direction
- Type 21: Bicyclist unexpected swerve left; parallel paths

Class E-20

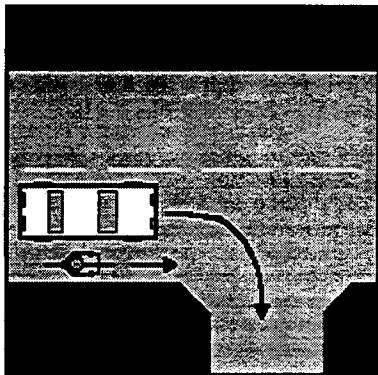
Class F: Motorist unexpected turn



- Type 22: Motorist unexpected left turn; parallel paths; same direction
- Type 23: Motorist unexpected left turn; parallel paths opposite direction
- Type 24: Motorist unexpected right turn; parallel paths

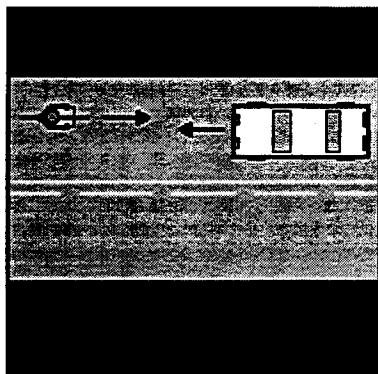
Class F-23

Class F: Motorist unexpected turn (*continued*)



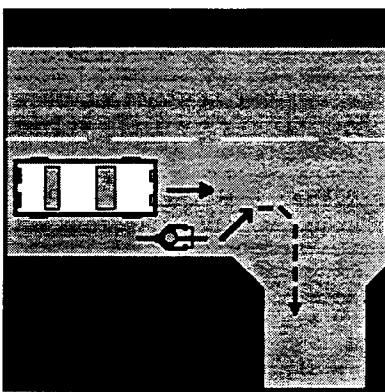
Class F-24

Class G: Other



Class G-26

- Type 25: Vehicles collide at uncontrolled intersection; orthogonal paths
- Type 26: Vehicle collide head-on, wrong way bicyclist
- Type 27: Bicyclist overtaking
- Type 28: Head-on; wrong way motorist
- Type 29: Parking lot



Class G-32

- Type 30: Head-on; counteractive evasive action
- Type 31: Bicyclist cuts corner when turning left
- Type 32: Bicyclist swings wide when turning right
- Type 33: Motorist cuts corner when turning left
- Type 34: Motorist swings wide when turning right
- Type 35: Motorist drive out from on-street parking
- Type 36: Unclear

APPENDIX C

1993

Traffic Collisions in Washington State

Data
Summary and
Highway
Safety
Problem
Analysis

July 1994

**WASHINGTON TRAFFIC
SAFETY COMMISSION**
1000 South Cherry Street
P.O. Box 40944
Olympia, WA 948504-0944

Vehicle-pedestrian collisions in Washington counties

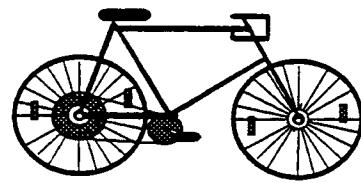
King County had the highest pedestrian collision rate with 4.93 collisions per 10,000 population, followed by Grays Harbor and Chelan Counties with 3.91 and 3.57 respectively. King County also had the highest rate of fatalities and injuries with 5.18 killed or injured per 10,000 population. This was followed by Grays Harbor and Pierce Counties with 4.06 and 3.68 per 10,000 population respectively. There were seven counties with no reported car-pedestrian collisions, and twenty counties that had no pedestrians killed (Table 6-7).

Table 6-7: Pedestrians killed or injured in traffic collisions By county - 1993

county	population	killed	injured	rate*	collisions	rate*
Over 1,000,000						
King	1,587,700	18	847	5.45	782	4.93
250,000 to 750,000						
Pierce	640,700	11	237	3.87	224	3.50
Snohomish	507,900	11	154	3.25	150	2.95
Spokane	383,800	6	130	3.55	129	3.36
Clark	269,500	9	57	2.45	59	2.19
100,000 to 250,000						
Kitsap	210,000	2	55	2.71	51	2.43
Yakima	197,000	4	58	3.05	49	2.49
Thurston	180,500	3	47	2.77	46	2.55
Whatcom	140,900	2	20	1.56	20	1.42
Benton	122,800	1	18	1.55	18	1.47
50,000 to 100,000						
Skagit	88,100	0	15	1.70	12	1.36
Cowlitz	86,100	1	28	3.14	22	2.56
Grays Harbor	66,500	2	26	4.21	26	3.91
Island	66,500	0	9	1.35	7	1.05
Lewis	62,900	0	12	1.91	10	1.59
Claflam	61,400	2	12	2.28	14	2.28
Grant	60,300	1	9	1.66	8	1.33
Chelan	56,000	0	20	3.57	20	3.57
Walla Walla	51,800	0	10	1.93	9	1.74
25,000 to 50,000						
Mason	42,900	0	8	1.86	8	1.86
Franklin	41,100	0	8	1.95	8	1.95
Whitman	39,400	0	6	1.52	5	1.27
Okanogan	35,400	2	6	2.26	5	1.41
Stevens	33,400	1	2	0.90	3	0.90
Kittitas	29,200	2	4	2.05	4	1.37
Douglas	28,500	1	2	1.05	3	1.05
10,000 to 25,000						
Jefferson	23,500	0	3	1.28	3	1.28
Pacific	19,800	0	4	2.02	4	2.02
Asotin	18,300	0	3	1.64	3	1.64
Klickitat	17,500	0	0	0.00	0	0.00
Adams	14,300	1	3	2.80	3	2.10
San Juan	11,900	0	2	1.68	2	1.68
Pend Oreille	10,100	0	2	1.98	2	1.98
Under 10,000						
Lincoln	9,200	0	0	0.00	0	0.00
Skamania	9,000	0	0	0.00	0	0.00
Ferry	6,900	0	0	0.00	0	0.00
Columbia	4,100	0	0	0.00	0	0.00
Wahkiakum	3,500	0	0	0.00	0	0.00
Garfield	2,300	0	0	0.00	0	0.00
Total	5,240,500	80	1,813	3.61	1,709	3.28

Source: WSP, OFM

*Killed/injured and car-pedestrian collisions per 10,000 population



VII. Pedalcyclists

Vehicle-pedalcycle collisions and injuries in 1993 decreased 0.3% from the previous 4-year average. There were 8 pedalcyclists killed, a decrease of 11.1% from the previous four-year average. The number of pedalcyclists injured increased 5.8% in urban areas and decreased 16.0% in rural areas from the previous 4-year averages. There were 1,438 vehicle-pedalcycle collisions, down 204 from 1992, which recorded a 10-year high of 1,642 (Table 7-1, Figure 7-1).

Table 7-1: Pedalcyclists killed & injured in traffic collisions

Five-year comparison

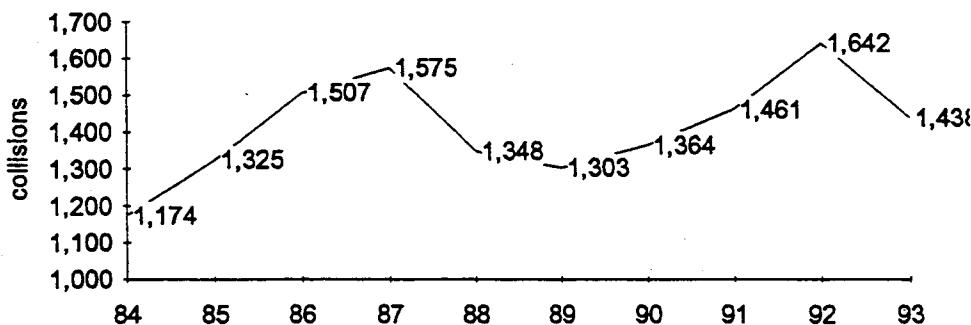
	1993	1992	1991	1990	1989	4-yr avg	'93 vs prev	'93 vs prev
Total pedalcycle collisions	1,438	1,642	1,461	1,364	1,303	1,443	-0.3%	
Pedalcyclists killed	8	9	5	14	8	9	-11.1%	
Pedalcyclists injured	1,430	1,622	1,463	1,349	1,302	1,434	-0.3%	
Serious injuries	202	224	226	221	238	227	-11.1%	
Evident injuries	889	1,052	909	813	819	898	-1.0%	
Possible injuries	339	346	328	315	245	309	9.9%	
Urban* injured	1,095	1,208	1,045	978	910	1,035	5.8%	
Urban killed	4	4	1	4	2	3	45.5%	
Rural injured	335	414	418	371	392	399	-16.0%	
Rural killed	4	5	4	10	6	6	-36.0%	

* Cities with population of 2,500 and greater

Source: WSP

Figure 7-1:

Vehicle-pedalcyclist collisions*
Ten-year comparison



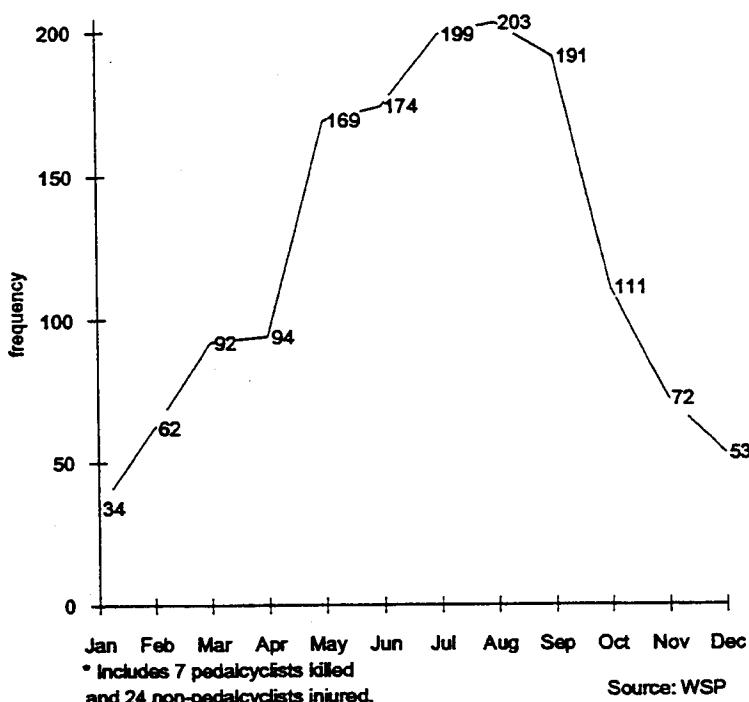
* Only includes collisions where vehicle-pedalcycle collision was first occurrence.

Source: WSP

VII / Pedalcyclists

The months of May through September recorded the highest numbers of persons killed and injured in pedalcycle-related collisions during 1993. January recorded the least number of pedalcycle injuries with 34, and August recorded the most with 203 (Figure 7-2).

Figure 7-2:
Persons injured in vehicle-pedalcycle collisions*
By month - 1993



Ages of pedalcyclists injured

In 1993, 419 pedalcyclists between the ages of 10 to 14 were killed or injured; this was the highest frequency for any age group. There were five age groups which experienced reductions in pedalcycle-related collision involvement when compared to previous 4-year averages (Table 7-2).

Table 7-2: Pedalcyclists injured or killed in motor vehicle collisions
Five-year comparison by age group

age	1993	1992	1991	1990	1989	'93 vs prev	
						4-yr avg	4-yr avg
0-4	41	40	32	16	14	26	80.8%
5-9	209	230	232	191	233	222	-5.6%
10-14	419	408	386	381	358	383	9.5%
15-19	161	228	181	194	216	205	-21.4%
20-24	164	195	207	163	130	174	-5.6%
25-34	248	267	217	213	186	221	12.3%
35-44	94	134	97	96	69	99	-5.1%
45-54	44	56	34	35	31	39	12.8%
55-64	22	13	20	18	14	16	35.4%
65-74	5	9	17	9	7	11	-52.4%
75 & older	5	6	5	5	3	5	5.3%
Not stated	26	45	40	42	51	45	-41.6%
Total (inc. killed)	1,438	1,831	1,488	1,363	1,310	1,443	-0.3%
Total killed	8	9	5	14	8	9	-11.1%

Source: WSP

Pedalcycle collisions in cities

The city of Kelso recorded the highest pedalcycle collision rate in the state during 1993 with 11.81 collisions per 10,000 population. Ellensburg was second highest in this category with 10.18, followed by Marysville with 7.55 and Tukwila 7.50 (Table 7-3).

**Table 7-3: Pedalcycle collisions in cities
Cities 10,000 population & greater- 1993**

city	population	killed	injured	inj rate*	collisions	collision rate*
250,000 and over						
Seattle	527,700	2	280	5.31	280	5.31
100,000 to 250,000						
Spokane	183,800	0	100	5.44	100	5.44
Tacoma	181,200	0	74	4.03	73	4.03
50,000 to 100,000						
Bellevue	89,710	0	40	4.46	41	4.57
Everett	76,980	0	32	4.16	32	4.16
Federal Way	75,320	0	23	3.05	21	2.79
Yakima	59,580	0	34	5.71	35	5.87
Bellingham	55,480	0	25	4.51	26	4.69
Vancouver	55,450	0	24	4.33	24	4.33
25,000 to 50,000						
Kennewick	45,110	0	9	2.00	7	1.55
Renton	43,470	0	12	2.76	12	2.76
Kirkland	41,700	0	16	3.84	16	3.84
Kent	41,080	0	20	4.87	21	5.11
Redmond	40,095	0	18	4.49	18	4.49
Olympia	36,520	0	25	6.85	24	6.57
Bremerton	36,380	0	12	3.30	12	3.30
Auburn	34,550	0	17	4.92	18	5.21
Richland	34,080	0	11	3.23	9	2.84
Longview	32,650	0	23	7.04	21	6.43
Edmonds	30,970	0	3	0.97	4	1.29
Lynnwood	29,580	0	18	6.09	18	6.09
Walla Walla	28,820	0	7	2.43	7	2.43
Burien	27,800	0	9	3.24	9	3.24
Puyallup	26,140	0	16	6.12	16	6.12
15,000 to 25,000						
Bothell	24,530	0	7	2.85	6	2.45
Pulman	23,480	0	10	4.26	9	3.83
Wenatchee	23,000	0	12	5.22	12	5.22
Sea Tac	22,840	0	6	2.63	7	3.06
Lacey	22,680	0	9	3.97	9	3.97
Pasco	21,370	0	9	4.21	9	4.21
Mercer Island	21,280	0	6	2.82	5	2.35
Mount Vernon	20,450	0	1	0.49	2	0.98
Mountlake Terrace	19,880	0	4	2.01	4	2.01
Des Moines	19,480	0	3	1.54	3	1.54
Oak Harbor	18,930	0	8	4.23	8	4.23
Port Angeles	18,270	0	8	4.38	8	4.38
Bainbridge Island	17,200	0	2	1.16	2	1.16
Aberdeen	16,685	0	4	2.40	4	2.40
10,000 to 15,000						
Tukwila	14,680	0	11	7.50	11	7.50
Marysville	14,570	0	11	7.55	11	7.55
Mukilteo	14,035	0	5	3.56	5	3.56
Ellensburg	12,770	0	13	10.18	13	10.18
Centralia	12,380	0	9	7.27	9	7.27
Anacortes	12,260	0	2	1.63	2	1.63
Kelso	11,850	1	14	11.81	14	11.81
Moses Lake	11,700	0	5	4.27	6	5.13
Sunnyside	11,420	0	2	1.75	2	1.75
Tumwater	11,110	0	5	4.50	5	4.50
TOTAL	2,250,925	3	1,009	4.48	1,005	4.46

*Injuries/collisions per 10,000 population

Source: WSP, OFM

Pedalcycle collisions in unincorporated areas

The unincorporated area of Columbia County experienced the highest collision rate for unincorporated areas in Washington State with 7.22 collisions per 10,000 population in 1993. This was followed by Snohomish County with 5.31 and Chelan with 3.08 collisions per 10,000 population. Twelve counties experienced no pedalcycle collisions in their unincorporated areas during 1993 (Table 7-4).

**Table 7-4: Pedalcycle collisions in unincorporated areas
By county - 1993**

county	unincorp. population	killed	killed & injured	fatal/inj rate*	collisions	collision rate*
Over 100,000						
King	513,257	0	69	1.34	69	1.34
Fierce	339,679	1	63	1.85	61	1.80
Snohomish	259,796	2	134	5.16	138	5.31
Clark	173,844	0	39	2.24	37	2.13
Spokane	165,443	0	15	0.91	16	0.97
Kitsap	138,676	0	25	1.80	24	1.73
25,000 to 100,000						
Thurston	94,098	0	13	1.38	13	1.38
Yakima	88,214	0	8	0.91	8	0.91
Whatcom	59,187	0	7	1.18	6	1.01
Island	40,797	0	6	1.47	5	1.23
Skagit	37,841	0	6	1.59	6	1.59
Lewis	35,829	0	6	1.67	4	1.12
Cowlitz	33,170	0	1	0.30	1	0.30
Claillam	32,039	0	1	0.31	1	0.31
Mason	31,100	0	6	1.93	6	1.93
Benton	27,849	0	0	0.00	0	0.00
Grant	26,408	0	6	2.27	5	1.89
Grays Harbor	25,000	0	1	0.40	1	0.40
10,000 to 25,000						
Chelan	22,780	1	7	3.08	7	3.08
Stevens	22,644	0	4	1.77	4	1.77
Douglas	19,958	0	0	0.00	0	0.00
Okanogan	19,294	0	2	1.04	2	1.04
Franklin	14,712	0	1	0.68	1	0.68
Walla Walla	14,384	0	0	0.00	0	0.00
Jefferson	13,405	0	2	1.49	2	1.49
Pacific	12,358	0	3	2.43	3	2.43
Klickitat	10,788	0	0	0.00	0	0.00
Kititas	10,418	0	0	0.00	0	0.00
Asotin	9,871	0	2	2.03	2	2.03
Under 10,000						
San Juan	8,543	0	0	0.00	0	0.00
Skamanis	6,711	0	0	0.00	0	0.00
Whitman	6,629	0	0	0.00	0	0.00
Adams	6,486	0	0	0.00	0	0.00
Pend Oreille	6,114	0	1	1.64	1	1.64
Ferry	5,355	0	1	1.87	1	1.87
Lincoln	3,669	0	0	0.00	0	0.00
Wahkiakum	2,819	0	0	0.00	0	0.00
Columbia	1,386	0	1	7.22	1	7.22
Garfield	855	0	0	0.00	0	0.00
Total	2,341,360	4	430	1.84	425	1.82

Source: WSP, OFM

*Rates are frequency per 10,000 population

Pedalcycle collisions by county

In 1993, Cowlitz County experienced the highest pedalcycle collision rate with 4.53 collisions per 10,000 population. Kittitas County was second highest, with a rate of 4.45 collisions, and Chelan County was third with a rate of 3.75. Collision rates and the rate of pedalcyclists injured or killed were very close, indicating that in most reported pedalcycle crashes, a single pedalcyclist is injured (Table 7-5).

Table 7-5: Pedalcycle collisions and injuries+
By county - 1993

county	population	killed	killed & injured	killed/ + inj rate*	collisions	collision rate*
Over 1,000,000						
King	1,587,700	2	548	3.44	546	3.44
250,000 to 750,000						
Pierce	640,700	1	161	2.51	158	2.47
Snohomish	507,900	2	139	2.74	138	2.72
Spokane	383,600	0	117	3.05	118	3.08
Clark	269,500	0	70	2.60	68	2.52
100,000 to 250,000						
Kitsap	210,000	0	40	1.90	39	1.86
Yakima	197,000	0	47	2.39	48	2.44
Thurston	180,500	0	52	2.88	51	2.83
Whatcom	140,900	0	37	2.63	37	2.63
Benton	122,800	0	22	1.79	18	1.47
50,000 to 100,000						
Skagit	88,100	0	14	1.59	14	1.59
Cowlitz	86,100	1	41	4.76	39	4.53
Grays Harbor	66,500	0	14	2.11	14	2.11
Island	66,500	0	14	2.11	13	1.95
Lewis	62,900	0	18	2.86	18	2.54
Cle Elum	61,400	0	12	1.95	12	1.95
Grant	60,300	0	15	2.49	15	2.49
Chelan	56,000	1	21	3.75	21	3.75
Walla Walla	51,800	0	7	1.35	7	1.35
25,000 to 50,000						
Mason	42,900	0	10	2.33	10	2.33
Franklin	41,100	0	10	2.43	10	2.43
Whitman	39,400	0	12	3.05	11	2.79
Okanogan	35,400	0	3	0.85	3	0.85
Stevens	33,400	0	5	1.50	5	1.50
Kittitas	29,200	0	13	4.45	13	4.45
Douglas	28,500	0	0	0.00	0	0.00
10,000 to 25,000						
Jefferson	23,500	0	3	1.28	3	1.28
Pacific	19,800	0	3	1.52	3	1.52
Asotin	18,300	0	4	2.19	4	2.19
Klickitat	17,500	0	0	0.00	0	0.00
Adams	14,300	0	1	0.70	1	0.70
San Juan	11,900	0	0	0.00	0	0.00
Pend Oreille	10,100	0	1	0.99	1	0.99
Under 10,000						
Lincoln	9,200	0	0	0.00	0	0.00
Skamania	9,000	0	0	0.00	0	0.00
Ferry	6,900	0	1	1.45	1	1.45
Columbia	4,100	0	1	2.44	1	2.44
Wahkiakum	3,500	0	0	0.00	0	0.00
Garfield	2,300	0	0	0.00	0	0.00
Total	5,240,500	7	1,454	2.77	1,438	2.74

*Frequency per 10,000 population

Source: WSP, OFM